

(Item Analysis: % of content answered correctly)

#### District 1 - Labrador

School #: 001 St. Peter's School, Black Tickle

Grades	s: 1-'	12

ltem Number	Outcome(s) Cognitive Level	Outcome Description	School [N=1]	District [N=232]	<b>Provin</b> [N=4,99
umber Co	ncepts				
41	6N1 (L1)	Write a given number in written form	Cohool data	37.5	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	School data with 5 or	37.7	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	fewer	29.0	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	students	35.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	withheld for	23.8	30.3
46	6N3 (L3)	Solve a problem involving factors	reasons of	35.4	55.3
47	6N7 (L3)	Compare the value of two given integers	confidentiality	47.9	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers		34.4	46.4
atterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation		51.4	63.
50	6PR1 (L2)	Write a mathematical expression for a given situation		24.4	30.2
51	6PR2 (L2)	Create a table of values for a given situation		61.3	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph		60.6	59.
		· · · · · · · · · · · · · · · · · · ·	-	22.8	36.3
53	6PR3 (12)				
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression		31.3	
54 hape and s	6PR3 (L2)	Represent a pattern rule as a mathematical expression		31.3	39.4
54 hape and 5 55	6PR3 (L2) Space 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure		31.3 55.9	39. <sup>-</sup> 65.2
54 hape and 5 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume		31.3 55.9 42.5	39. 65. 51.
54 hape and 5 55 56 57	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area		31.3 55.9 42.5 73.5	39. 65. 51. 75.
54 hape and 3 55 56 57 58	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle		31.3 55.9 42.5 73.5 68.1	39. 65. 51. 75. 68.
54 hape and 5 55 56 57	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area		31.3 55.9 42.5 73.5	39. 65.2 51.0 75.3 68.8 63.7
54 hape and 5 55 56 57 58 59	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations		31.3 55.9 42.5 73.5 68.1 60.6	39. 65.2 51.0 75.3 68.8 63.7
54 hape and 5 55 56 57 58 59 60	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations		31.3 55.9 42.5 73.5 68.1 60.6	39. 65. 51. 75. 68. 63. 60.
54 hape and 3 55 56 57 58 59 60	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations		31.3 55.9 42.5 73.5 68.1 60.6 58.8	39. 65. 51. 75. 68. 63. 60. 87.
54 hape and 3 55 56 57 58 59 60 60	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact		31.3 55.9 42.5 73.5 68.1 60.6 58.8 82.3	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54 hape and 3 55 56 57 58 59 60 dental Math 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given improper fraction		31.3 55.9 42.5 73.5 68.1 60.6 58.8 82.3 73.7	65.2 51.0 75.3 68.6 63.7 60.0 87.4 76.7 59.7
54 hape and 3 55 56 57 58 59 60 60 60 61 62 63	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number		31.3 55.9 42.5 73.5 68.1 60.6 58.8 82.3 73.7 38.5	65.2 65.2 65.2 68.4 63.7 60.0 87.4 76.7 59.7 64.6
54 hape and 3 55 56 57 58 59 60 ental Math 61 62 63 63 64	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given improper fraction		31.3 55.9 42.5 73.5 68.1 60.6 58.8 82.3 73.7 38.5 54.8 29.7	39. 65. 51.0 75.3 68.8 63.3 60.0 87.4 76.3 59.3 64.0 39.7
54 hape and 3 55 56 57 58 59 60 <i>ental Matt</i> 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number		31.3 55.9 42.5 73.5 68.1 60.6 58.8 82.3 73.7 38.5 54.8 29.7 56.9	39.4 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
54 hape and 3 55 56 57 58 59 60 60 60 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9		31.3 55.9 42.5 73.5 68.1 60.6 58.8 82.3 73.7 38.5 54.8 29.7 56.9 42.4	39.4           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.3           59.7           64.6           39.7           64.6           61.3
54 hape and 3 55 56 57 58 59 60 60 60 61 62 63 64 65 66 67 68	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N9 (L1)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9         Apply the order of operations to solve a problem		31.3 55.9 42.5 73.5 68.1 60.6 58.8 82.3 73.7 38.5 54.8 29.7 56.9 42.4 32.5	39.1           65.2           51.0           75.3           68.6           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6           33.5
54 hape and 3 55 56 57 58 59 60 60 60 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9		31.3 55.9 42.5 73.5 68.1 60.6 58.8 82.3 73.7 38.5 54.8 29.7 56.9 42.4	39. 65. 51. 75. 68. 63. 60. 63. 60. 64. 39. 64. 61.

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

District 1 - Labrador

School #: 002 Henry Gordon Academy, Cartwright Grades: K-8,10-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=7]	District [N=232]	<b>Province</b> [N=4,998]
Number Co					
<u>Number Co</u>	oncepts				
41	6N1 (L1)	Write a given number in written form	16.7	37.5	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	41.7	37.7	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	16.7	29.0	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	58.3	35.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	0.0	23.8	30.3
46	6N3 (L3)	Solve a problem involving factors	41.7	35.4	55.3
47	6N7 (L3)	Compare the value of two given integers	66.7	47.9	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	41.7	34.4	46.4
<u>Patterns ar</u>	nd Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	80.0	51.4	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	30.0	24.4	30.2
51	6PR2 (L2)	Create a table of values for a given situation	70.0	61.3	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	70.0	60.6	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	30.0	22.8	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	60.0	31.3	39.1
<u>Shape and</u> 55	<u>Space</u> 6SS1 (L2)	Draw an angle of a given measure	60.0	55.9	65.2
56	6SS3 (L2)	Solve measurement problem involving volume	30.0	42.5	51.0
57	6SS3 (L2)	Draw a rectangle for a given area	60.0	73.5	75.3
58	6SS4 (L2)	Draw a specified triangle	60.0	68.1	68.8
59	6SS6 (L2)	Represent the result of combining transformations	70.0	60.6	63.7
60	6SS6 (L2)	Represent the result of combining transformations	90.0	58.8	60.0
Mental Mat	<u>h</u>				
61	6N3 (L1)	Solve a multiplication fact	100.0	82.3	87.4
62	6N5 (L2)	Give an equivalent ratio for a given ratio	85.7	73.7	76.7
63	6N4 (L1)	Give a mixed number for a given improper fraction	28.6	38.5	59.7
64	6N8 (L2)	Find the product of a decimal number and a whole number	57.1	54.8	64.6
~-		Solve a problem for division of decimals by a divisor from 1 to 9	28.6	29.7	20.7
65	6N8 (L2)		20.0	23.1	39.7
66	6N8 (L2) 6N8 (L2)	Estimate the product of a decimal number by a whole number	50.0	56.9	64.6
66	6N8 (L2)	Estimate the product of a decimal number by a whole number	50.0	56.9	64.6
66 67	6N8 (L2) 6N8 (L2)	Estimate the product of a decimal number by a whole number Estimate the quotient for division of decimals by a divisor from 1 to 9	50.0 42.9	56.9 42.4	64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 1 - Labrador

School #: 004 Queen of Peace Middle School, Happy Valley-Goose Bay Grades: 4-7

Item Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=86]	District [N=232]	<b>Province</b> [N=4,998]
Number Co	ncents				
<u></u>					
41	6N1 (L1)	Write a given number in written form	50.6	37.5	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	50.6	37.7	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	38.6	29.0	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	36.7	35.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	27.9	23.8	30.3
46	6N3 (L3)	Solve a problem involving factors	38.6	35.4	55.3
47	6N7 (L3)	Compare the value of two given integers	44.3	47.9	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	35.4	34.4	46.4
	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	51.2	51.4	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	30.4	24.4	30.2
51	6PR2 (L2)	Create a table of values for a given situation	66.1	61.3	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	76.2	60.6	59.5
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	26.8 38.1	22.8 31.3	36.3 39.1
<u>Shape and</u> 55	<u>Space</u> 6SS1 (L2)	Draw an angle of a given measure	56.6	55.9	65.2
56	6SS3 (L2)	Solve measurement problem involving volume	20.5	42.5	51.0
57	6SS3 (L2)	Draw a rectangle for a given area	87.4	73.5	75.3
58	6SS4 (L2)	Draw a specified triangle	66.9	68.1	68.8
59	6SS6 (L2)	Represent the result of combining transformations	65.7	60.6	63.7
60	6SS6 (L2)	Represent the result of combining transformations	63.9	58.8	60.0
<u>Mental Mati</u>	2				
61	6N3 (L1)	Solve a multiplication fact	75.3	82.3	87.4
62	6N5 (L2)	Give an equivalent ratio for a given ratio	86.4	73.7	76.7
63	6N4 (L1)	Give a mixed number for a given improper fraction	42.0	38.5	59.7
64	6N8 (L2)	Find the product of a decimal number and a whole number	52.5	54.8	64.6
65	6N8 (L2)	Solve a problem for division of decimals by a divisor from 1 to 9	27.8	29.7	39.7
66	6N8 (L2)	Estimate the product of a decimal number by a whole number	58.0	56.9	64.6
67	6N8 (L2)	Estimate the quotient for division of decimals by a divisor from 1 to 9	48.8	42.4	61.3
68	6N9 (L1)	Apply the order of operations to solve a problem	38.3	32.5	33.5
69	6SS2 (L2)	Estimate the measure of a given angle Give the measure of a missing angle in a given triangle	75.3	72.6	73.4

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 1 - Labrador

School #: 007 Amos Comenius Memorial School, Hopedale

Grades: K-12

ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=10]	District [N=232]	<b>Provine</b> [N=4,998
lumber Col	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form	40.0	37.5	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	15.0	37.7	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	25.0	29.0	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	25.0	35.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	30.0	23.8	30.3
46	6N3 (L3)	Solve a problem involving factors	25.0	35.4	55.3
47	6N7 (L3)	Compare the value of two given integers	40.0	47.9	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	25.0	34.4	46.4
	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	10.0	51.4	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	10.0	24.4	30.2
51	6PR2 (L2)	Create a table of values for a given situation	45.0	61.3	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	45.0	60.6	59.5
				00.0	
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	25.0 25.0	22.8 31.3	36.3 39.1
53 54	6PR3 (L2)				
53 54 hape and \$	6PR3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure			39.1
53 54 Chape and S 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	25.0 40.0 35.0	31.3 55.9 42.5	39.1 65.2 51.0
53 54 Chape and S 55 56 57	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	25.0 40.0 35.0 55.0	31.3 55.9 42.5 73.5	39.1 65.2 51.0
53 54 hape and \$ 55 56 57 58	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	25.0 40.0 35.0 55.0 25.0	31.3 55.9 42.5 73.5 68.1	39.1 65.2 51.0 75.3 68.8
53 54 hape and \$ 55 56 57	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	25.0 40.0 35.0 55.0	31.3 55.9 42.5 73.5	39.1 65.2 51.0 75.3 68.8
53 54 Shape and S 55 56 57 58	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	25.0 40.0 35.0 55.0 25.0	31.3 55.9 42.5 73.5 68.1	
53 54 <i>hape and S</i> 55 56 57 58 59 60	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	25.0 40.0 35.0 55.0 25.0 35.0	31.3 55.9 42.5 73.5 68.1 60.6	39.1 65.2 51.0 75.3 68.8 63.7
53 54 <i>hape and S</i> 55 56 57 58 59 60	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	25.0 40.0 35.0 55.0 25.0 35.0	31.3 55.9 42.5 73.5 68.1 60.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0
53 54 55 55 56 57 58 59 60 Mental Math	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	25.0 40.0 35.0 55.0 25.0 35.0 30.0	31.3 55.9 42.5 73.5 68.1 60.6 58.8	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
53 54 55 55 56 57 58 59 60 <b>Mental Math</b>	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	25.0 40.0 35.0 55.0 25.0 35.0 30.0 94.4 77.8	31.3 55.9 42.5 73.5 68.1 60.6 58.8 82.3	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
53 54 55 55 56 57 58 59 60 Mental Math 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	25.0 40.0 35.0 55.0 25.0 35.0 30.0 94.4	31.3 55.9 42.5 73.5 68.1 60.6 58.8 82.3 73.7	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
53 54 55 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	25.0 40.0 35.0 55.0 25.0 35.0 30.0 94.4 77.8 22.2	31.3 55.9 42.5 73.5 68.1 60.6 58.8 82.3 73.7 38.5	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
53 54 55 55 56 57 58 59 60 Mental Math 61 62 63 63 64	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	25.0 40.0 35.0 25.0 35.0 30.0 94.4 77.8 22.2 33.3	31.3 55.9 42.5 73.5 68.1 60.6 58.8 82.3 73.7 38.5 54.8	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
53 54 hape and \$ 55 56 57 58 59 60 Mental Math 61 62 63 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	25.0 40.0 35.0 55.0 25.0 35.0 30.0 94.4 77.8 22.2 33.3 33.3	31.3 55.9 42.5 73.5 68.1 60.6 58.8 82.3 73.7 38.5 54.8 29.7	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6
53 54 hape and S 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	25.0 40.0 35.0 55.0 25.0 35.0 30.0 94.4 77.8 22.2 33.3 33.3 27.8 38.9	31.3 55.9 42.5 73.5 68.1 60.6 58.8 82.3 73.7 38.5 54.8 29.7 56.9 42.4	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6           61.3
53 54 55 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	25.0 40.0 35.0 55.0 25.0 35.0 30.0 94.4 77.8 22.2 33.3 33.3 33.3 27.8	31.3 55.9 42.5 73.5 68.1 60.6 58.8 82.3 73.7 38.5 54.8 29.7 56.9	39.1 65.2 51.0 75.3 68.8 63.7

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 1 - Labrador

School #: 012 J.C. Erhardt Memorial School, Makkovik Grades: K-4,6-12

	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=6]	District [N=232]	<b>Proving</b> [N=4,998
lumber Cor	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form	41.7	37.5	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	33.3	37.7	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	8.3	29.0	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	41.7	35.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	33.3	23.8	30.3
46	6N3 (L3)	Solve a problem involving factors	25.0	35.4	55.3
47	6N7 (L3)	Compare the value of two given integers	75.0	47.9	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	41.7	34.4	46.4
atterns and	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	16.7	51.4	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	33.3	24.4	30.2
51	6PR2 (L2)	Create a table of values for a given situation	58.3	61.3	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	50.0	60.6	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	33.3	22.8	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	25.0	31.3	39.1
hape and S	<u>6</u> 8S1 (L2)	Draw an angle of a given measure	33.3	55.9	65.2
		Draw an angle of a given measure Solve measurement problem involving volume	33.3 33.3	55.9 42.5	
55	6SS1 (L2)			-	51.0
55 56	6SS1 (L2) 6SS3 (L2)	Solve measurement problem involving volume	33.3	42.5	51.0 75.3
55 56 57	6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area	33.3 66.7	42.5 73.5	51.0 75.3 68.8
56 57 58	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle	33.3 66.7 66.7	42.5 73.5 68.1	51.0 75.3 68.8 63.7
55 56 57 58 59 60	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	33.3 66.7 66.7 50.0	42.5 73.5 68.1 60.6	51.0 75.3 68.8 63.7
55 56 57 58 59 60 <i>Mental Math</i>	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	33.3 66.7 66.7 50.0 50.0	42.5 73.5 68.1 60.6 58.8	51.0 75.3 68.8 63.7 60.0
55 56 57 58 59 60 <i>Mental Math</i>	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact	33.3 66.7 66.7 50.0 50.0 83.3	42.5 73.5 68.1 60.6 58.8 82.3	51.0 75.3 68.8 63.7 60.0 87.4
55 56 57 58 59 60 <i>Mental Math</i> 61 62	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio	33.3 66.7 50.0 50.0 83.3 16.7	42.5 73.5 68.1 60.6 58.8 82.3 73.7	51.0 75.3 68.8 63.7 60.0 87.4 76.7
55 56 57 58 59 60 <i>Mental Math</i> 61 62 63	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction	33.3 66.7 50.0 50.0 83.3 16.7 16.7	42.5 73.5 68.1 60.6 58.8 82.3 73.7 38.5	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	33.3 66.7 50.0 50.0 83.3 16.7 16.7 50.0	42.5 73.5 68.1 60.6 58.8 82.3 73.7 38.5 54.8	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64 65	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	33.3 66.7 50.0 50.0 83.3 16.7 16.7 50.0 50.0	42.5 73.5 68.1 60.6 58.8 82.3 73.7 38.5 54.8 29.7	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64 65 66	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	33.3 66.7 50.0 50.0 83.3 16.7 16.7 50.0 50.0 58.3	42.5 73.5 68.1 60.6 58.8 82.3 73.7 38.5 54.8 29.7 56.9	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 39.7 64.6
55 56 57 58 59 60 <b>hental Math</b> 61 62 63 64 65 66 66 67	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	33.3 66.7 50.0 50.0 83.3 16.7 16.7 16.7 50.0 50.0 58.3 58.3	42.5 73.5 68.1 60.6 58.8 82.3 73.7 38.5 54.8 29.7 56.9 42.4	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3
55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64 65 66	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	33.3 66.7 50.0 50.0 83.3 16.7 16.7 50.0 50.0 58.3	42.5 73.5 68.1 60.6 58.8 82.3 73.7 38.5 54.8 29.7 56.9	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 1 - Labrador

School #: 014 Jens Haven Memorial, Nain Grades: K-12

Number	Outcome(s) Cognitive Level	Outcome Description	School [N=24]	District [N=232]	<b>Provinc</b> [N=4,998
lumber Col	ncepts				
	<u></u>				
41	6N1 (L1)	Write a given number in written form	29.6	37.5	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	47.7	37.7	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	18.2	29.0	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	47.7	35.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	13.6	23.8	30.3
46	6N3 (L3)	Solve a problem involving factors	52.3	35.4	55.3
47	6N7 (L3)	Compare the value of two given integers	56.8	47.9	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	29.6	34.4	46.4
49	<u>d Relations</u> 6PR4 (L2)	Represent an equivalent equation for a given equation	47.5	51.4	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	15.0	24.4	30.2
51	6PR2 (L2)	Create a table of values for a given situation	55.0	61.3	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	60.0	60.6	59.5
	6PR3 (L2)	Write a pattern rule for a given problem	12.5	22.8	36.3
53	•••• (==)				
53 54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	22.5	31.3	39.1
	6PR3 (L2)		22.5 36.4	<u>31.3</u> 55.9	<u>39.1</u> 65.2
54 Shape and S	6PR3 (L2)	Represent a pattern rule as a mathematical expression			
54 Shape and S 55	6PR3 (L2) Space 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	36.4	55.9	65.2
54 Shape and S 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	36.4 61.4	55.9 42.5	65.2 51.0
54 Shape and S 55 56 57	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	36.4 61.4 77.3	55.9 42.5 73.5	65.2 51.0 75.3
54 Shape and S 55 56 57 58	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	36.4 61.4 77.3 77.3	55.9 42.5 73.5 68.1	65.2 51.0 75.3 68.8
54 Shape and S 55 56 57 58 59	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	36.4 61.4 77.3 77.3 40.9	55.9 42.5 73.5 68.1 60.6	65.2 51.0 75.3 68.8 63.7
54 <b>Shape and S</b> 55 56 57 58 59 60	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	36.4 61.4 77.3 77.3 40.9	55.9 42.5 73.5 68.1 60.6	65.2 51.0 75.3 68.8 63.7
54 55 56 57 58 59 60 Mental Math	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	36.4 61.4 77.3 77.3 40.9 40.9	55.9 42.5 73.5 68.1 60.6 58.8	65.2 51.0 75.3 68.8 63.7 60.0
54 55 56 57 58 59 60 Mental Math 61 62 63	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	36.4 61.4 77.3 77.3 40.9 40.9 95.5	55.9 42.5 73.5 68.1 60.6 58.8 82.3	65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 Shape and S 55 56 57 58 59 60 Mental Math 61 62	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	36.4 61.4 77.3 77.3 40.9 40.9 40.9 95.5 77.3	55.9 42.5 73.5 68.1 60.6 58.8 82.3 73.7	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54 55 56 57 58 59 60 <i>Mental Math</i> 61 62 63 64 65	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	36.4 61.4 77.3 77.3 40.9 40.9 40.9 95.5 77.3 50.0	55.9 42.5 73.5 68.1 60.6 58.8 82.3 73.7 38.5	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
54 55 56 57 58 59 60 Mental Math 61 62 63 64	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	36.4 61.4 77.3 77.3 40.9 40.9 95.5 77.3 50.0 45.5	55.9 42.5 73.5 68.1 60.6 58.8 82.3 73.7 38.5 54.8	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
54 55 56 57 58 59 60 <i>Mental Math</i> 61 62 63 64 65	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	36.4 61.4 77.3 77.3 40.9 40.9 95.5 77.3 50.0 45.5 27.3	55.9 42.5 73.5 68.1 60.6 58.8 82.3 73.7 38.5 54.8 29.7	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
54           Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	36.4 61.4 77.3 77.3 40.9 40.9 40.9 95.5 77.3 50.0 45.5 27.3 63.6	55.9 42.5 73.5 68.1 60.6 58.8 82.3 73.7 38.5 54.8 29.7 56.9	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
54 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	36.4 61.4 77.3 77.3 40.9 40.9 40.9 95.5 77.3 50.0 45.5 27.3 63.6 40.9	55.9 42.5 73.5 68.1 60.6 58.8 82.3 73.7 38.5 54.8 29.7 56.9 42.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 1 - Labrador

School #: 015 Lake Melville School, North West River Grades: K-12

ltem Number	Outcome(s) Cognitive Level	Outcome Description	School [N=5]	District [N=232]	<b>Provinc</b> [N=4,998]
lumber Co	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form		37.5	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	School data with 5 or	37.7	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	fewer	29.0	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	students	35.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	withheld for	23.8	30.3
46	6N3 (L3)	Solve a problem involving factors	reasons of	35.4	55.3
47	6N7 (L3)	Compare the value of two given integers	confidentiality	47.9	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers		34.4	46.4
Patterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation		51.4	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	-	24.4	30.2
51	6PR2 (L2)	Create a table of values for a given situation		61.3	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	-	60.6	59.5
	6PR3 (L2)	Write a pattern rule for a given problem	-	22.8	36.3
				22.0	30.3
53 54	6PR3 (L2)	Represent a pattern rule as a mathematical expression		31.3	39.1
54	6PR3 (L2)			31.3 55.9	<u>39.1</u> 65.2
54 hape and s	6PR3 (L2) <b>Space</b>	Represent a pattern rule as a mathematical expression			
54 hape and 5 55	6PR3 (L2) <b>Space</b> 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure		55.9	65.2
54 hape and 3 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume		55.9 42.5	65.2 51.0
54 hape and 5 55 56 57	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area		55.9 42.5 73.5	65.2 51.0 75.3
54 Shape and 3 55 56 57 58	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle		55.9 42.5 73.5 68.1	65.2 51.0 75.3 68.8
54 <b>Shape and S</b> 55 56 57 58 59 60	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations		55.9 42.5 73.5 68.1 60.6	65.2 51.0 75.3 68.8 63.7
54 hape and 3 55 56 57 58 59 60	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations		55.9 42.5 73.5 68.1 60.6 58.8	65.2 51.0 75.3 68.8 63.7 60.0
54 hape and 3 55 56 57 58 59 60 Mental Math 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact		55.9 42.5 73.5 68.1 60.6 58.8 82.3	65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 hape and 5 55 56 57 58 59 60 Mental Math 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1) 6N5 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio		55.9 42.5 73.5 68.1 60.6 58.8 82.3 73.7	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54 hape and 3 55 56 57 58 59 60 fental Math 61 62 63	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1) 6N5 (L2) 6N4 (L1)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction		55.9 42.5 73.5 68.1 60.6 58.8 82.3 73.7 38.5	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
54 hape and 3 55 56 57 58 59 60 Mental Math 61 62 63 64	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number		55.9 42.5 73.5 68.1 60.6 58.8 82.3 73.7 38.5 54.8	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
54 <i>hape and 3</i> 55 56 57 58 59 60 <i>Mental Matt</i> 61 62 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9		55.9 42.5 73.5 68.1 60.6 58.8 82.3 73.7 38.5 54.8 29.7	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
54 55 56 57 58 59 60 60 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number		55.9 42.5 73.5 68.1 60.6 58.8 82.3 73.7 38.5 54.8 29.7 56.9	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
54           Shape and 3           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66           67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9		55.9 42.5 73.5 68.1 60.6 58.8 82.3 73.7 38.5 54.8 29.7 56.9 42.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3
54 <i>hape and</i> 3 55 56 57 58 59 60 <i>fental Math</i> 61 62 63 64 65 66 67 68	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N9 (L1)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9         Apply the order of operations to solve a problem		55.9 42.5 73.5 68.1 60.6 58.8 82.3 73.7 38.5 54.8 29.7 56.9 42.4 32.5	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 39.7 64.6 61.3 33.5
54           Shape and 3           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66           67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9		55.9 42.5 73.5 68.1 60.6 58.8 82.3 73.7 38.5 54.8 29.7 56.9 42.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 1 - Labrador

# School #: 016 B.L. Morrison, Postville

Grades:	K-12	

Demonstrate an unde Demonstrate an unde Place mixed numbers Solve a problem invol Compare the value of Solve a problem that 2) Represent an equival	ed betweeen two givien numbers erstanding of equivalent ratios erstanding of percent pictorially and symbolical s and improper fractions on a number line living factors f two given integers relates improper fractions to mixed numbers	School data with 5 or fewer y students withheld for reasons of confidentiality	37.5 37.7 29.0 35.9 23.8 35.4 47.9 34.4	36.2 43.9 37.5 46.3 30.3 55.3 59.4 46.4
Write numbers locate         Demonstrate an unde         Demonstrate an unde         Place mixed numbers         Solve a problem invol         Compare the value of         Solve a problem that         2)         Represent an equival	ed betweeen two givien numbers erstanding of equivalent ratios erstanding of percent pictorially and symbolical s and improper fractions on a number line living factors f two given integers relates improper fractions to mixed numbers	with 5 or fewer ly students withheld for reasons of	37.7 29.0 35.9 23.8 35.4 47.9	43.9 37.5 46.3 30.3 55.3 59.4
Write numbers locate         Demonstrate an unde         Demonstrate an unde         Place mixed numbers         Solve a problem invol         Compare the value of         Solve a problem that         2)         Represent an equival	ed betweeen two givien numbers erstanding of equivalent ratios erstanding of percent pictorially and symbolical s and improper fractions on a number line living factors f two given integers relates improper fractions to mixed numbers	with 5 or fewer ly students withheld for reasons of	37.7 29.0 35.9 23.8 35.4 47.9	43.9 37.5 46.3 30.3 55.3 59.4
Write numbers locate         Demonstrate an unde         Demonstrate an unde         Place mixed numbers         Solve a problem invol         Compare the value of         Solve a problem that         2)         Represent an equival	ed betweeen two givien numbers erstanding of equivalent ratios erstanding of percent pictorially and symbolical s and improper fractions on a number line living factors f two given integers relates improper fractions to mixed numbers	with 5 or fewer ly students withheld for reasons of	37.7 29.0 35.9 23.8 35.4 47.9	43.9 37.5 46.3 30.3 55.3 59.4
Demonstrate an unde Place mixed numbers Solve a problem invol Compare the value of Solve a problem that 2) Represent an equival	erstanding of percent pictorially and symbolicall s and improper fractions on a number line living factors f two given integers relates improper fractions to mixed numbers	fewer students withheld for reasons of	35.9 23.8 35.4 47.9	46.3 30.3 55.3 59.4
Place mixed numbers Solve a problem invol Compare the value of Solve a problem that 2) Represent an equival	s and improper fractions on a number line living factors f two given integers relates improper fractions to mixed numbers	ly students withheld for reasons of	23.8 35.4 47.9	30.3 55.3 59.4
Solve a problem invol Compare the value of Solve a problem that 2) Represent an equival	living factors f two given integers relates improper fractions to mixed numbers	reasons of	35.4 47.9	55.3 59.4
Compare the value of Solve a problem that 2) Represent an equival	f two given integers relates improper fractions to mixed numbers		47.9	59.4
Solve a problem that 2) Represent an equival	relates improper fractions to mixed numbers			-
2) Represent an equival			34.4	46.4
· · · ·				
· · · ·	last aquation for a given acustion			
	lent equation for a given equation		51.4	63.6
<ol> <li>Write a mathematical</li> </ol>	l expression for a given situation		24.4	30.2
2) Create a table of valu	ues for a given situation		61.3	70.4
SP1 (L2) Graph a table of value	es using a linear graph		60.6	59.5
	or a given problem		22.8	36.3
				39.1
) Draw an angle of a gi	iven measure		55 9	65.2
2) Draw an angle of a gi		_	55.9	65.2
2) Solve measurement p	problem involving volume	_	42.5	51.0
Solve measurement p           2)         Draw a rectangle for a	problem involving volume a given area	_		
Solve measurement p           2)         Solve measurement p           2)         Draw a rectangle for a           2)         Draw a specified trian	problem involving volume a given area		42.5 73.5	51.0 75.3
-	P1 (L2) Graph a table of value Write a pattern rule for	Create a table of values for a given situation P1 (L2) Graph a table of values using a linear graph Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	P1 (L2) Graph a table of values using a linear graph Write a pattern rule for a given problem	P1 (L2)       Graph a table of values using a linear graph       60.6         Write a pattern rule for a given problem       22.8

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 1 - Labrador

## School #: 017 Northern Lights Academy, Rigolet

Grades: K-12

ltem Number	Outcome(s) Cognitive Level	Outcome Description	School [N=2]	District [N=232]	Province [N=4,998]
Number Col	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form		37.5	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	School data with 5 or	37.7	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	fewer	29.0	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	students	35.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	withheld for	23.8	30.3
46	6N3 (L3)	Solve a problem involving factors	reasons of	35.4	55.3
47	6N7 (L3)	Compare the value of two given integers	confidentiality	47.9	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers		34.4	46.4
Patterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation		51.4	63.6
49 50	6PR1 (L2)	Write a mathematical expression for a given situation	-	24.4	30.2
51	6PR2 (L2)	Create a table of values for a given situation		61.3	70.4
01		Graph a table of values using a linear graph		60.6	59.5
52	6PR2 6SP1 (12)			00.0	00.0
52 53	6PR2, 6SP1 (L2)	· · · · · · · · · · · · · · · · · · ·		22.0	26.2
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression		22.8 31.3	36.3 39.1
53 54 Shape and S	6PR3 (L2) 6PR3 (L2) Space	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression		31.3	39.1
53 54 <b>Shape and S</b> 55	6PR3 (L2) 6PR3 (L2) Space 6SS1 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression Draw an angle of a given measure		31.3 55.9	39.1 65.2
53 54 Shape and S	6PR3 (L2) 6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume		31.3 55.9 42.5	39.1 65.2 51.0
53 54 <b>Shape and S</b> 55 56	6PR3 (L2) 6PR3 (L2) Space 6SS1 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression Draw an angle of a given measure		31.3 55.9	39.1 65.2
53 54 <b>Shape and S</b> 55 56 57	6PR3 (L2) 6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area		31.3 55.9 42.5 73.5	39.1 65.2 51.0 75.3
53 54 <b>Shape and S</b> 55 56 57 58	6PR3 (L2) 6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle		31.3 55.9 42.5 73.5 68.1	39.1 65.2 51.0 75.3 68.8
53 54 <b>Shape and S</b> 55 56 57 58 59	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations		31.3 55.9 42.5 73.5 68.1 60.6	39.1 65.2 51.0 75.3 68.8 63.7
53 54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b> 61	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations		31.3 55.9 42.5 73.5 68.1 60.6	39.1 65.2 51.0 75.3 68.8 63.7
53 54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b>	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations		31.3 55.9 42.5 73.5 68.1 60.6 58.8	39.1 65.2 51.0 75.3 68.8 63.7 60.0
53 54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b> 61	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact		31.3 55.9 42.5 73.5 68.1 60.6 58.8 82.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
53 54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b> 61 62	6PR3 (L2) 6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio		31.3 55.9 42.5 73.5 68.1 60.6 58.8 82.3 73.7	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
53 54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63	6PR3 (L2) 6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction		31.3 55.9 42.5 73.5 68.1 60.6 58.8 82.3 73.7 38.5	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
53 54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number		31.3 55.9 42.5 73.5 68.1 60.6 58.8 82.3 73.7 38.5 54.8	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
53 54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64 65	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9		31.3 55.9 42.5 73.5 68.1 60.6 58.8 82.3 73.7 38.5 54.8 29.7	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
53 54 <b>Shape and 3</b> 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 64 65 66	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number		31.3 55.9 42.5 73.5 68.1 60.6 58.8 82.3 73.7 38.5 54.8 29.7 56.9	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
53 54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64 65 66 66 67	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9		31.3 55.9 42.5 73.5 68.1 60.6 58.8 82.3 73.7 38.5 54.8 29.7 56.9 42.4	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6           61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 1 - Labrador

School #: 381 J.R. Smallwood Middle School, Wabush

Grades: 4-7

ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=89]	District [N=232]	Provinc [N=4,998
umber Col	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form	30.6	37.5	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	24.4	37.7	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	26.9	29.0	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	31.3	35.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	22.5	23.8	30.3
46	6N3 (L3)	Solve a problem involving factors	30.0	35.4	55.3
47	6N7 (L3)	Compare the value of two given integers	45.6	47.9	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	35.6	34.4	46.4
49	6PR4 (L2)	Represent an equivalent equation for a given equation	56.7	51.4	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	24.4	24.4	30.2
51	6PR2 (L2)	Create a table of values for a given situation	61.6	61.3	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	48.2	60.6	59.5
	6PR3 (L2)	Write a pattern rule for a given problem	18.3	22.8	36.3
53	0FK3 (L2)			-	
53 54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	26.2	31.3	39.1
54 hape and S	6PR3 (L2) Space	Represent a pattern rule as a mathematical expression	26.2	31.3	
54 hape and \$ 55	6PR3 (L2) <b>Space</b> 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	26.2 61.8	31.3 55.9	65.2
54 hape and S	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	26.2 61.8 60.6	31.3 55.9 42.5	65.2 51.0
54 hape and \$ 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	26.2 61.8	31.3 55.9	65.2 51.0 75.3
54 hape and \$ 55 56 57	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	26.2 61.8 60.6 64.1	31.3 55.9 42.5 73.5	65.2 51.0 75.3 68.8
54 ape and \$ 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	26.2 61.8 60.6	31.3 55.9 42.5	65 51
54 aape and 5 55 56 57	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	26.2 61.8 60.6 64.1	31.3 55.9 42.5 73.5	65.2 51.0 75.3
54 nape and \$ 55 56 57 58	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	26.2 61.8 60.6 64.1 71.2	31.3 55.9 42.5 73.5 68.1	65.2 51.0 75.3 68.8
54 hape and \$ 55 56 57 58 59	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	26.2 61.8 60.6 64.1 71.2 65.3	31.3 55.9 42.5 73.5 68.1 60.6	65.2 51.0 75.3 68.8 63.7
54 hape and \$ 55 56 57 58 59 60	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	26.2 61.8 60.6 64.1 71.2	31.3 55.9 42.5 73.5 68.1	65.2 51.0 75.3 68.8 63.7
54 hape and \$ 55 56 57 58 59 60	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	26.2 61.8 60.6 64.1 71.2 65.3	31.3 55.9 42.5 73.5 68.1 60.6	65.2 51.0 75.3 68.8 63.7
54 hape and \$ 55 56 57 58 59 60	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	26.2 61.8 60.6 64.1 71.2 65.3	31.3 55.9 42.5 73.5 68.1 60.6	65.2 51.0 75.3 68.8 63.7 60.0
54 hape and \$ 55 56 57 58 59 60 ental Math	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	26.2 61.8 60.6 64.1 71.2 65.3 59.4	31.3 55.9 42.5 73.5 68.1 60.6 58.8	65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 hape and \$ 55 56 57 58 59 60 ental Math 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	26.2 61.8 60.6 64.1 71.2 65.3 59.4 81.9	31.3 55.9 42.5 73.5 68.1 60.6 58.8 82.3	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54 hape and \$ 55 56 57 58 59 60 ental Math 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	26.2 61.8 60.6 64.1 71.2 65.3 59.4 81.9 61.5	31.3 55.9 42.5 73.5 68.1 60.6 58.8 82.3 73.7	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
54 hape and \$ 55 56 57 58 59 60 60 ental Math 61 62 63	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	26.2 61.8 60.6 64.1 71.2 65.3 59.4 81.9 61.5 35.5	31.3 55.9 42.5 73.5 68.1 60.6 58.8 82.3 73.7 38.5	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63 64	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	26.2 61.8 60.6 64.1 71.2 65.3 59.4 81.9 61.5 35.5 59.6	31.3 55.9 42.5 73.5 68.1 60.6 58.8 82.3 73.7 38.5 54.8	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	26.2 61.8 60.6 64.1 71.2 65.3 59.4 81.9 61.5 35.5 59.6 27.7 56.6	31.3 55.9 42.5 73.5 68.1 60.6 58.8 82.3 73.7 38.5 54.8 29.7 56.9	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	26.2 61.8 60.6 64.1 71.2 65.3 59.4 81.9 61.5 35.5 59.6 27.7 56.6 35.5	31.3 55.9 42.5 73.5 68.1 60.6 58.8 82.3 73.7 38.5 54.8 29.7 56.9 42.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3
54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63 64 65 66 67 68	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6NS (L2) 6N4 (L1) 6N5 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9         Apply the order of operations to solve a problem	26.2 61.8 60.6 64.1 71.2 65.3 59.4 81.9 61.5 35.5 59.6 27.7 56.6 35.5 24.1	31.3 55.9 42.5 73.5 68.1 60.6 58.8 82.3 73.7 38.5 54.8 29.7 56.9 42.4 32.5	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 39.7 64.6 61.3 33.5
54 hape and \$ 55 56 57 58 59 60 Pental Math 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	26.2 61.8 60.6 64.1 71.2 65.3 59.4 81.9 61.5 35.5 59.6 27.7 56.6 35.5	31.3 55.9 42.5 73.5 68.1 60.6 58.8 82.3 73.7 38.5 54.8 29.7 56.9 42.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 2 - Western

School #: 022 William Gillett Academy, Charlottetown, LAB

Grades:	K-12
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Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=3]	District [N=831]	<b>Province</b> [N=4,998]
Number Col	ncepts				
41	6N1 (L1)	Write a given number in written form		46.2	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	School data with 5 or	46.2	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	fewer	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	students	44.2	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	withheld for	29.8	30.3
46	6N3 (L3)	Solve a problem involving factors	reasons of	59.1	55.3
47	6N7 (L3)	Compare the value of two given integers	confidentiality	62.1	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers		48.7	46.4
<u>Patterns an</u>	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation		62.1	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation		37.3	30.2
51	6PR2 (L2)	Create a table of values for a given situation		73.3	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph		60.6	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem		40.5	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression		46.1	39.1
<u>Shape and s</u>					
55	6SS1 (L2)	Draw an angle of a given measure		65.4	65.2
56 57	6SS3 (L2) 6SS3 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area		50.7 78.1	51.0 75.3
58	6SS4 (L2)	Draw a specified triangle		67.3	68.8
59	6SS6 (L2)				
1	. ,	Represent the result of combining transformations	-	61.6	63.7
60	6SS6 (L2)	Represent the result of combining transformations		60.3	60.0
Mental Math	<u>!</u>				
61	6N3 (L1)	Solve a multiplication fact		85.9	87.4
62	6N5 (L2)	Give an equivalent ratio for a given ratio		75.6	76.7
63	6N4 (L1)	Give a mixed number for a given improper fraction		61.0	59.7
64	6N8 (L2)	Find the product of a decimal number and a whole number		64.3	64.6
65	6N8 (L2)	Solve a problem for division of decimals by a divisor from 1 to 9		38.6	39.7
66	6N8 (L2)	Estimate the product of a decimal number by a whole number		61.5	64.6
67	6N8 (L2)	Estimate the quotient for division of decimals by a divisor from 1 to 9	1	58.1	61.3
68	6N9 (L1)	Apply the order of operations to solve a problem		34.5	33.5
69	6SS2 (L2)	Estimate the measure of a given angle		69.6	73.4
70	6SS2 (L2)	Give the measure of a missing angle in a given triangle		71.5	68.9
	()			. 1.0	00.0

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 2 - Western

School #: 024 James Cook Memorial, Cook's Harbour Grades: K-1,5-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=4]	District [N=831]	<b>Province</b> [N=4,998]
Number Co	ncents				
Number Col	<u>icepts</u>				
41	6N1 (L1)	Write a given number in written form	- School data	46.2	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	with 5 or	46.2	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	fewer	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	students	44.2	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	withheld for	29.8	30.3
46	6N3 (L3)	Solve a problem involving factors	reasons of	59.1	55.3
47	6N7 (L3)	Compare the value of two given integers	confidentiality	62.1	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	_	48.7	46.4
Patterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation		62.1	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation		37.3	30.2
51	6PR2 (L2)	Create a table of values for a given situation		73.3	70.4
50	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph		60.6	59.5
52		-	-		1
52 53		Write a pattern rule for a given problem		40 5	
52 53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression		40.5 46.1	36.3 39.1
53 54 Shape and 5	6PR3 (L2) 6PR3 (L2) Space	Represent a pattern rule as a mathematical expression		46.1	39.1
53 54 Shape and 3 55	6PR3 (L2) 6PR3 (L2) Space 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure		46.1 65.4	<u>39.1</u> 65.2
53 54 Shape and 5	6PR3 (L2) 6PR3 (L2) Space	Represent a pattern rule as a mathematical expression		46.1	39.1
53 54 <i>Shape and 3</i> 55 56	6PR3 (L2) 6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume		46.1 65.4 50.7	39.1 65.2 51.0
53 54 <b>Shape and S</b> 55 56 57	6PR3 (L2) 6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area		46.1 65.4 50.7 78.1	39.1 65.2 51.0 75.3
53 54 <b>Shape and 3</b> 55 56 57 58	6PR3 (L2) 6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle		46.1 65.4 50.7 78.1 67.3	39.1           65.2           51.0           75.3           68.8
53 54 Shape and 3 55 56 57 58 59	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations		46.1 65.4 50.7 78.1 67.3 61.6	39.1           65.2           51.0           75.3           68.8           63.7
53         54         Shape and 3         55         56         57         58         59         60	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations		46.1 65.4 50.7 78.1 67.3 61.6	39.1           65.2           51.0           75.3           68.8           63.7
53 54 Shape and 3 55 56 57 58 59 60 Mental Math	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations		46.1 65.4 50.7 78.1 67.3 61.6 60.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0
53 54 <u>Shape and 5</u> 55 56 57 58 59 60 <u>Mental Math</u> 61	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact		46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4
53 54 <u>Shape and 5</u> 55 56 57 58 59 60 <u>Mental Math</u> 61 62	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio		46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6	39.1         65.2         51.0         75.3         68.8         63.7         60.0         87.4         76.7
53 54 <u>Shape and 5</u> 55 56 57 58 59 60 <u>Mental Math</u> 61 62 63	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction		46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7
53 54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number		46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6
53 54 <u>Shape and 5</u> 55 56 57 58 59 60 <u>Mental Math</u> 61 62 63 63 64 65	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9		46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7
53           54           Shape and 3           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number		46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7
53         54         Shape and 3         55         56         57         58         59         60         Mental Math         61         62         63         64         65         66         67	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9		46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6           61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

District 2 - Western

School #: 026 H.G. Fillier Academy, Englee Grades: K-9

ltem Number	Outcome(s) Cognitive Level	Outcome Description	School [N=6]	District [N=831]	<b>Provinc</b> [N=4,998
umber Cor	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form	16.7	46.2	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	33.3	46.2	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	8.3	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	41.7	44.2	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	33.3	29.8	30.3
46	6N3 (L3)	Solve a problem involving factors	33.3	59.1	55.3
47	6N7 (L3)	Compare the value of two given integers	75.0	62.1	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	33.3	48.7	46.4
	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	41.7	62.1	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	0.0	37.3	30.2
51	6PR2 (L2)	Create a table of values for a given situation	50.0	73.3	70.4
	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	33.3	60.6	59.5
52					
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	25.0 16.7	40.5 46.1	36.3 39.1
53 54 hape and \$	6PR3 (L2) 6PR3 (L2) 6PR3 (L2)	Represent a pattern rule as a mathematical expression	16.7	46.1	39.1
53 54 hape and \$	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	16.7 41.7	46.1 65.4	39.1 65.2
53 54 hape and \$ 55 56	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	16.7 41.7 33.3	46.1 65.4 50.7	39.1 65.2 51.0
53 54 hape and \$ 55 56 57	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	16.7 41.7 33.3 41.7	46.1 65.4 50.7 78.1	39.1 65.2 51.0 75.3
53 54 hape and \$ 55 56 57 58	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 6Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	16.7 41.7 33.3 41.7 58.3	46.1 65.4 50.7 78.1 67.3	39.1 65.2 51.0 75.3 68.8
53 54 hape and \$ 55 56 57	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	16.7 41.7 33.3 41.7	46.1 65.4 50.7 78.1	39.1 65.2 51.0 75.3 68.8 63.7
53 54 hape and \$ 55 56 57 58 59 60 lental Math	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	16.7 41.7 33.3 41.7 58.3 33.3	46.1 65.4 50.7 78.1 67.3 61.6	39.1
53 54 hape and \$ 55 56 57 58 59 60 lental Math 61	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	16.7 41.7 33.3 41.7 58.3 33.3 41.7 40.0	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
53 54 hape and \$ 55 56 57 58 59 60 ental Math 61 62	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	16.7 41.7 33.3 41.7 58.3 33.3 41.7 40.0 60.0	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7
53 54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	16.7 41.7 33.3 41.7 58.3 33.3 41.7 40.0 60.0 40.0	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7
53 54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63 64	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	16.7 41.7 33.3 41.7 58.3 33.3 41.7 40.0 60.0 40.0 40.0	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6
53 54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63 64 65	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	16.7         41.7         33.3         41.7         58.3         33.3         41.7         60.0         40.0         60.0         40.0         40.0         40.0         40.0         40.0         40.0	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7
53 54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63 64	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 6Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	16.7         41.7         33.3         41.7         58.3         33.3         41.7         60.0         40.0         60.0         40.0         40.0         40.0         40.0	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7
53 54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63 64 65	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	16.7         41.7         33.3         41.7         58.3         33.3         41.7         60.0         40.0         60.0         40.0         40.0         40.0         40.0         40.0         40.0	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6
53 54 hape and \$ 55 56 57 58 59 60 lental Math 61 62 63 64 65 66	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 6Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	16.7 41.7 33.3 41.7 58.3 33.3 41.7 40.0 60.0 40.0 40.0 40.0 60.0	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6
53 54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63 64 65 66 65 66 67	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	16.7 41.7 33.3 41.7 58.3 33.3 41.7 40.0 60.0 40.0 40.0 40.0 40.0 60.0 20.0	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6           61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 2 - Western

School #: 027 Canon Richards Memorial Academy, Flower's Cove

Grades: K-12

lumber	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=18]	District [N=831]	<b>Provinc</b> [N=4,998]
umber Co	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form	30.6	46.2	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	55.6	46.2	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	50.0	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	47.2	44.2	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	33.3	29.8	30.3
46	6N3 (L3)	Solve a problem involving factors	80.6	59.1	55.3
47	6N7 (L3)	Compare the value of two given integers	77.8	62.1	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	63.9	48.7	46.4
atterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	75.0	62.1	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	61.1	37.3	30.2
51	6PR2 (L2)	Create a table of values for a given situation	97.2	73.3	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	47.2	60.6	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	50.0	40.5	36.3
hape and s	Space				
hape and			70.0	65.4	65.0
55	6SS1 (L2)	Draw an angle of a given measure	72.2	65.4	65.2
55 56	6SS1 (L2) 6SS3 (L2)	Solve measurement problem involving volume	47.2	50.7	51.0
55 56 57	6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area	47.2 86.1	50.7 78.1	51.0 75.3
55 56 57 58	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle	47.2 86.1 97.2	50.7 78.1 67.3	51.0 75.3 68.8
55 56 57	6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area	47.2 86.1	50.7 78.1	51.0 75.3
55 56 57 58 59	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	47.2 86.1 97.2 83.3	50.7 78.1 67.3 61.6	51.0 75.3 68.8 63.7
55 56 57 58 59 60	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	47.2 86.1 97.2 83.3	50.7 78.1 67.3 61.6	51.0 75.3 68.8 63.7
55 56 57 58 59 60 ental Math	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	47.2 86.1 97.2 83.3 77.8	50.7 78.1 67.3 61.6 60.3	51.0 75.3 68.8 63.7 60.0
55 56 57 58 59 60 <b>Eental Math</b>	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	47.2 86.1 97.2 83.3 77.8 83.3 83.3 94.4	50.7 78.1 67.3 61.6 60.3 85.9 75.6	51.0 75.3 68.8 63.7 60.0 87.4 76.7
55 56 57 58 59 60 <u>ental Matt</u> 61 62	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1) 6N5 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio	47.2 86.1 97.2 83.3 77.8 83.3	50.7 78.1 67.3 61.6 60.3 85.9	51.0 75.3 68.8 63.7 60.0 87.4
55 56 57 58 59 60 ental Math 61 62 63	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction	47.2 86.1 97.2 83.3 77.8 83.3 94.4 88.9	50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
55 56 57 58 59 60 <b>Cental Math</b> 61 62 63 63 64	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	47.2 86.1 97.2 83.3 77.8 83.3 94.4 88.9 72.2	50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
55 56 57 58 59 60 <b>ental Math</b> 61 62 63 64 65 66	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	47.2 86.1 97.2 83.3 77.8 83.3 94.4 88.9 72.2 38.9 83.3	50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
55 56 57 58 59 60 <b>ental Matl</b> 61 62 63 64 65 66 66 67	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	47.2 86.1 97.2 83.3 77.8 83.3 94.4 88.9 72.2 38.9 83.3 80.6	50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1	51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6           61.3
55 56 57 58 59 60 <b>Cental Math</b> 61 62 63 64 65 66 67 68	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N9 (L1)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9         Apply the order of operations to solve a problem	47.2 86.1 97.2 83.3 77.8 83.3 94.4 88.9 72.2 38.9 83.3 80.6 50.0	50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1 34.5	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3 33.5
55 56 57 58 59 60 <b>ental Matl</b> 61 62 63 64 65 66 66 67	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	47.2 86.1 97.2 83.3 77.8 83.3 94.4 88.9 72.2 38.9 83.3 80.6	50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 2 - Western

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School #: 032 Truman Eddison Memorial, Griquet Grades: K-6

Mumber Concepts         41       6N1 (L1)       Write a given number in written form         42       6N1 (L2)       Write numbers located betweeen two givien numbers         43       6N5 (L3)       Demonstrate an understanding of equivalent ratios         44       6N6 (L2)       Demonstrate an understanding of percent pictorially and symbolically         45       6N4 (L2)       Place mixed numbers and improper fractions on a number line	87.5 75.0 62.5 7 43.8	46.2 46.2 37.3	36.2
416N1 (L1)Write a given number in written form426N1 (L2)Write numbers located betweeen two givien numbers436N5 (L3)Demonstrate an understanding of equivalent ratios446N6 (L2)Demonstrate an understanding of percent pictorially and symbolically	75.0 62.5 62.5	46.2	
426N1 (L2)Write numbers located betweeen two givien numbers436N5 (L3)Demonstrate an understanding of equivalent ratios446N6 (L2)Demonstrate an understanding of percent pictorially and symbolically	75.0 62.5 62.5	46.2	
426N1 (L2)Write numbers located betweeen two givien numbers436N5 (L3)Demonstrate an understanding of equivalent ratios446N6 (L2)Demonstrate an understanding of percent pictorially and symbolically	75.0 62.5 62.5	46.2	
436N5 (L3)Demonstrate an understanding of equivalent ratios446N6 (L2)Demonstrate an understanding of percent pictorially and symbolically	62.5 62.5	-	43.9
44 6N6 (L2) Demonstrate an understanding of percent pictorially and symbolically	62.5	57.5	37.5
		44.2	46.3
	10.0	29.8	30.3
46 6N3 (L3) Solve a problem involving factors	75.0	59.1	55.3
47 6N7 (L3) Compare the value of two given integers	93.8	62.1	59.4
48 6N4 (L3) Solve a problem that relates improper fractions to mixed numbers	68.8	48.7	46.4
Patterns and Relations			
49 6PR4 (L2) Represent an equivalent equation for a given equation	71.4	62.1	63.6
50 6PR1 (L2) Write a mathematical expression for a given situation	100.0	37.3	30.2
51 6PR2 (L2) Create a table of values for a given situation	85.7	73.3	70.4
52 6PR2, 6SP1 (L2) Graph a table of values using a linear graph	85.7	60.6	59.5
53 6PR3 (L2) Write a pattern rule for a given problem	57.1	40.5	36.3
54 6PR3 (L2) Represent a pattern rule as a mathematical expression	100.0	46.1	39.1
Shape and Space			
55 6SS1 (L2) Draw an angle of a given measure	100.0	65.4	65.2
56 6SS3 (L2) Solve measurement problem involving volume	92.9	50.7	51.0
57 6SS3 (L2) Draw a rectangle for a given area	92.9	78.1	75.3
58 6SS4 (L2) Draw a specified triangle	100.0	67.3	68.8
59 6SS6 (L2) Represent the result of combining transformations	100.0	61.6	63.7
60         6SS6 (L2)         Represent the result of combining transformations	100.0	60.3	60.0
<u>Mental Math</u>			
61 6N3 (L1) Solve a multiplication fact	100.0	85.9	87.4
62 6N5 (L2) Give an equivalent ratio for a given ratio	100.0	75.6	76.7
63 6N4 (L1) Give a mixed number for a given improper fraction	87.5	61.0	59.7
64 6N8 (L2) Find the product of a decimal number and a whole number	75.0	64.3	64.6
65 6N8 (L2) Solve a problem for division of decimals by a divisor from 1 to 9	37.5	38.6	39.7
66 6N8 (L2) Estimate the product of a decimal number by a whole number	81.3	61.5	64.6
67 6N8 (L2) Estimate the quotient for division of decimals by a divisor from 1 to 9	81.3	58.1	61.3
68 6N9 (L1) Apply the order of operations to solve a problem	62.5	34.5	33.5
69 6SS2 (L2) Estimate the measure of a given angle	100.0	69.6	73.4
70 6SS2 (L2) Give the measure of a missing angle in a given triangle	100.0	71.5	68.9

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 2 - Western

School #: 039 Mary Simms All-Grade, Main Brook Grades: K-12

Number	Outcome(s) Cognitive Level	Outcome Description	School [N=1]	District [N=831]	<b>Province</b> [N=4,998]
Number Cor	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form		46.2	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	School data with 5 or	46.2	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	fewer	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	students	44.2	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	withheld for	29.8	30.3
46	6N3 (L3)	Solve a problem involving factors	reasons of	59.1	55.3
47	6N7 (L3)	Compare the value of two given integers	confidentiality	62.1	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers		48.7	46.4
Patterns and	d Relations				
				<b>a</b> - 1	
49	6PR4 (L2)	Represent an equivalent equation for a given equation	_	62.1	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	-	37.3	30.2
51	6PR2 (L2)	Create a table of values for a given situation	-	73.3	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	-	60.6	59.5
	6PR3 (L2)	Write a pattern rule for a given problem		40.5	36.3
53 54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	-	46.1	39.1
1	( <i>)</i>	Represent a pattern rule as a mathematical expression		46.1	39.1
	6PR3 (L2)	Represent a pattern rule as a mathematical expression		46.1	39.1
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure		46.1 65.4	65.2
54 Shape and S	6PR3 (L2)				
54 <b>Shape and S</b> 55	6PR3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area		65.4	65.2
54 <u>Shape and S</u> 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle		65.4 50.7	65.2 51.0
54 <b>Shape and S</b> 55 56 57	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area		65.4 50.7 78.1	65.2 51.0 75.3
54 <b>Shape and S</b> 55 56 57 58	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle		65.4 50.7 78.1 67.3	65.2 51.0 75.3 68.8
54 <b>Shape and S</b> 55 56 57 58 59	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations		65.4 50.7 78.1 67.3 61.6	65.2 51.0 75.3 68.8 63.7
54 <b>Shape and S</b> 55 56 57 58 59	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations		65.4 50.7 78.1 67.3 61.6	65.2 51.0 75.3 68.8 63.7
54           Shape and S           55           56           57           58           59           60	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations		65.4 50.7 78.1 67.3 61.6 60.3	65.2 51.0 75.3 68.8 63.7 60.0
54           Shape and \$           55           56           57           58           59           60	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations		65.4 50.7 78.1 67.3 61.6	65.2 51.0 75.3 68.8 63.7
54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b> 61	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations		65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54           Shape and S           55           56           57           58           59           60           Mental Math           61           62	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio		65.4 50.7 78.1 67.3 61.6 60.3 85.9	65.2 51.0 75.3 68.8 63.7 60.0 87.4
54           Shape and S           55           56           57           58           59           60           Mental Math           61           62           63	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction		65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
54           Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number		65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
54           Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9		65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
54           Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number		65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
54         Shape and S         55         56         57         58         59         60         Mental Math         61         62         63         64         65         66         67	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the quotient for division of decimals by a divisor from 1 to 9		65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

District 2 - Western

School #: 040 St. Mary's AG, Mary's Harbour

Grades: K-12

ltem lumber	Outcome(s) Cognitive Level	Outcome Description	School [N=7]	District [N=831]	<b>Provinc</b> [N=4,998
umber Co	ncepts				
41	6N1 (L1)	Write a given number in written form	30.0	46.2	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	60.0	46.2	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	30.0	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	60.0	44.2	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	50.0	29.8	30.3
46	6N3 (L3)	Solve a problem involving factors	70.0	59.1	55.3
47	6N7 (L3)	Compare the value of two given integers	60.0	62.1	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	80.0	48.7	46.4
atterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	71.4	62.1	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	14.3	37.3	30.2
51	6PR2 (L2)	Create a table of values for a given situation	64.3	73.3	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	35.7	60.6	59.5
			00.7	1	1
	,	Write a pattern rule for a given problem	64.3	105	26.2
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	64.3 50.0	40.5 46.1	36.3 39.1
53	6PR3 (L2) 6PR3 (L2) Space	Represent a pattern rule as a mathematical expression			
53 54	6PR3 (L2) 6PR3 (L2) Space 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	50.0	46.1	39.1 65.2
53 54 hape and 5	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume	50.0	46.1	39.1
53 54 hape and 3 55 56	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	50.0 42.9 42.9 92.9	46.1 65.4 50.7 78.1	39.1 65.2 51.0 75.3
53 54 hape and 5 55 56 57	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	50.0 42.9 42.9 92.9 71.4	46.1 65.4 50.7 78.1 67.3	39.1 65.2 51.0 75.3 68.8
53 54 hape and 5 55 56 57 58	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	50.0 42.9 42.9 92.9	46.1 65.4 50.7 78.1	39.1 65.2 51.0 75.3
53 54 hape and 3 55 56 57 58 59	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	50.0 42.9 42.9 92.9 71.4 85.7	46.1 65.4 50.7 78.1 67.3 61.6	39.1           65.2           51.0           75.3           68.8           63.7
53 54 hape and 5 55 56 57 58 59 60 ental Math 61	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	50.0 42.9 42.9 92.9 71.4 85.7	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4
53 54 hape and 5 55 56 57 58 59 60 ental Math	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	50.0 42.9 92.9 71.4 85.7 28.6	46.1 65.4 50.7 78.1 67.3 61.6 60.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0
53 54 hape and 5 55 56 57 58 59 60 ental Math 61	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	50.0 42.9 42.9 92.9 71.4 85.7 28.6 100.0	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4
53 54 hape and 3 55 56 57 58 59 60 ental Math 61 62	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	50.0 42.9 42.9 92.9 71.4 85.7 28.6 100.0 80.0	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7
53 54 hape and 5 55 56 57 58 59 60 ental Math 61 62 63	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	50.0 42.9 92.9 71.4 85.7 28.6 100.0 80.0 80.0	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7
53 54 hape and 5 55 56 57 58 59 60 ental Math 61 62 63 63 64	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	50.0 42.9 92.9 71.4 85.7 28.6 100.0 80.0 80.0 80.0	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6
53 54 hape and 5 55 56 57 58 59 60 ental Math 61 62 63 63 64 65	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	50.0 42.9 92.9 71.4 85.7 28.6 100.0 80.0 80.0 80.0 60.0	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7
53 54 hape and 5 55 56 57 58 59 60 ental Math 61 62 63 64 65 66	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5Dace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	50.0 42.9 42.9 92.9 71.4 85.7 28.6 100.0 80.0 80.0 80.0 80.0 60.0 60.0	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6
53         54         hape and s         55         56         57         58         59         60         ental Math         61         62         63         64         65         66         67	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	50.0 42.9 42.9 92.9 71.4 85.7 28.6 100.0 80.0 80.0 80.0 60.0 60.0 80.0 80.0	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6           61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 2 - Western

School #: 046 Bayside Academy, Port Hope Simpson Grades: K-12

ltem Number	Outcome(s) Cognitive Level	Outcome Description	School [N=5]	District [N=831]	<b>Province</b> [N=4,998]
Number Co	ncents				
Number Co	ncepts				
41	6N1 (L1)	Write a given number in written form	Sobool data	46.2	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	School data with 5 or	46.2	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	fewer	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	students	44.2	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	withheld for	29.8	30.3
46	6N3 (L3)	Solve a problem involving factors	reasons of	59.1	55.3
47	6N7 (L3)	Compare the value of two given integers	confidentiality	62.1	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers		48.7	46.4
<u>Patterns an</u> 49	d Relations	Performent on equivalent equation for a given equation		63.4	63.6
49 50	6PR4 (L2) 6PR1 (L2)	Represent an equivalent equation for a given equation Write a mathematical expression for a given situation		62.1 37.3	63.6 30.2
51	6PR2 (L2)	Create a table of values for a given situation		73.3	70.4
	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph			
52				60.6	59.5
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression		40.5 46.1	36.3 39.1
<u>Shape and</u>	<u>Space</u> 6SS1 (L2)	Draw an angle of a given measure		65.4	65.2
56	6SS3 (L2)	Solve measurement problem involving volume		50.7	51.0
57	6SS3 (L2)	Draw a rectangle for a given area		78.1	75.3
58	6SS4 (L2)	Draw a specified triangle		67.3	68.8
59	6SS6 (L2)	Represent the result of combining transformations		61.6	63.7
60	6SS6 (L2)	Represent the result of combining transformations		60.3	60.0
<u>Mental Matl</u>	2				
61	6N3 (L1)	Solve a multiplication fact		85.9	87.4
62	6N5 (L2)	Give an equivalent ratio for a given ratio		75.6	76.7
63	6N4 (L1)	Give a mixed number for a given improper fraction		61.0	59.7
64	6N8 (L2)	Find the product of a decimal number and a whole number		64.3	64.6
65	6N8 (L2)	Solve a problem for division of decimals by a divisor from 1 to 9		38.6	39.7
66	6N8 (L2)	Estimate the product of a decimal number by a whole number		61.5	64.6
67	6N8 (L2)	Estimate the quotient for division of decimals by a divisor from 1 to 9		58.1	61.3
68	6N9 (L1)	Apply the order of operations to solve a problem		34.5	33.5
			1		1
69	6SS2 (L2)	Estimate the measure of a given angle		69.6	73.4

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 2 - Western

School #: 053 St. Anthony Elementary, St. Anthony Grades: K-7

ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=35]	District [N=831]	<b>Province</b> [N=4,998]
Number Co	ncepts				
41	6N1 (L1)	Write a given number in written form	56.3	46.2	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	37.5	46.2	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	46.9	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	42.2	44.2	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	26.6	29.8	30.3
46	6N3 (L3)	Solve a problem involving factors	56.3	59.1	55.3
47	6N7 (L3)	Compare the value of two given integers	68.8	62.1	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	37.5	48.7	46.4
	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	69.1	62.1	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	36.8	37.3	30.2
51	6PR2 (L2)	Create a table of values for a given situation	80.9	73.3	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	77.9	60.6	59.5
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	50.0	40.5	36.3 39.1
Shape and			<b>63 6</b>	05.4	05.0
55	6SS1 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume	63.6	65.4	65.2
56 57	6SS3 (L2)	Draw a rectangle for a given area	47.0 77.3	50.7 78.1	51.0 75.3
58	6SS4 (L2)	Draw a specified triangle	69.7	67.3	68.8
59	6SS6 (L2)	Represent the result of combining transformations	63.6	61.6	63.7
60	6SS6 (L2)	Represent the result of combining transformations	63.6	60.3	60.0
Mental Mati	2				
61	6N3 (L1)	Solve a multiplication fact	78.8	85.9	87.4
62	6N5 (L2)	Give an equivalent ratio for a given ratio	84.9	75.6	76.7
63	6N4 (L1)	Give a mixed number for a given improper fraction	57.6	61.0	59.7
64	6N8 (L2)	Find the product of a decimal number and a whole number	63.6	64.3	64.6
65	6N8 (L2)	Solve a problem for division of decimals by a divisor from 1 to 9	54.6	38.6	39.7
66	6N8 (L2)	Estimate the product of a decimal number by a whole number	51.5	61.5	64.6
		Estimate the quotient for division of decimals by a divisor from 1 to 9	65.2	58.1	61.3
67	6N8 (L2)	Estimate the quotient for division of decimals by a division form 1 to 5	00.2	00.1	01.0
67 68	6N8 (L2) 6N9 (L1)	Apply the order of operations to solve a problem	48.5	34.5	33.5

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 2 - Western

School #: 054 St. Lewis Academy, St. Lewis Grades: K-12

ltem lumber	Outcome(s) Cognitive Level	Outcome Description	School [N=2]	District [N=831]	Proving [N=4,998
umbar Ca					
umber Co	ncepts				
41	6N1 (L1)	Write a given number in written form	O shared state	46.2	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	School data with 5 or	46.2	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	fewer	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	students	44.2	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	withheld for	29.8	30.3
46	6N3 (L3)	Solve a problem involving factors	reasons of	59.1	55.3
47	6N7 (L3)	Compare the value of two given integers	confidentiality	62.1	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers		48.7	46.4
atterns an	nd Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation		62.1	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation		37.3	30.2
51	6PR2 (L2)	Create a table of values for a given situation		73.3	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph		60.6	59.5
52					
53	6PR3 (L2)	Write a pattern rule for a given problem		40.5	36.3
	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression		40.5 46.1	36.3 39.1
53	6PR3 (L2)				39.1
53 54	6PR3 (L2) <u>Space</u>	Represent a pattern rule as a mathematical expression		46.1	<u>39.1</u> 65.2
53 54 hape and 5	6PR3 (L2) <u>Space</u> 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure		46.1 65.4	39.1 65.2 51.0
53 54 hape and 3 55 56	6PR3 (L2) <u>Space</u> 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume		46.1 65.4 50.7	39.1 65.2 51.0 75.3
53 54 hape and 5 55 56 57	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area		46.1 65.4 50.7 78.1	39.1 65.2 51.0 75.3 68.8
53 54 <b>nape and 3</b> 55 56 57 58	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle		46.1 65.4 50.7 78.1 67.3	65.2 51.0 75.3 68.8 63.7
53 54 hape and 5 55 56 57 58 59	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations		46.1 65.4 50.7 78.1 67.3 61.6	65.2 51.0 75.3 68.8 63.7
53 54 55 55 56 57 58 59 60	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations		46.1 65.4 50.7 78.1 67.3 61.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0
53 54 55 55 56 57 58 59 60 ental Math	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) <b>b</b>	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations		46.1 65.4 50.7 78.1 67.3 61.6 60.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
53 54 55 55 56 57 58 59 60 ental Math 61	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) <b>b</b> 6N3 (L1)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction		46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
53 54 55 55 56 57 58 59 60 ental Math 61 62	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) <b>b</b> 6N3 (L1) 6N5 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio		46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
53 54 55 55 56 57 58 59 60 ental Math 61 62 63	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) <b>b</b> 6N3 (L1) 6N5 (L2) 6N4 (L1)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction		46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6
53 54 55 55 56 57 58 59 60 ental Math 61 62 63 64	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS6 (L2) 6SS6 (L2) <b>b</b> 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number		46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7
53 54 55 55 56 57 58 59 60 ental Math 61 62 63 63 64 65	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) <b>b</b> 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9		46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6	
53 54 55 55 56 57 58 59 60 ental Math 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number		46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6           61.3
53 54 55 55 56 57 58 59 60 ental Math 61 62 63 64 65 66 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9		46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

District 2 - Western

School #: 057 St. Peter's Academy, Benoit's Cove Grades: K-9

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=15]	District [N=831]	Province [N=4,998]
<u>Number Co</u>	oncepts				
41	6N1 (L1)	Write a given number in written form	77.3	46.2	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	81.8	46.2	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	54.6	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	68.2	44.2	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	50.0	29.8	30.3
46	6N3 (L3)	Solve a problem involving factors	72.7	59.1	55.3
47	6N7 (L3)	Compare the value of two given integers	90.9	62.1	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	72.7	48.7	46.4
	nd Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	85.7	62.1	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	46.4	37.3	30.2
51	6PR2 (L2)	Create a table of values for a given situation	64.3	73.3	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	89.3	60.6	59.5
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	64.3 78.6	40.5 46.1	36.3 39.1
<u>Shape and</u> 55	<u>Space</u> 6SS1 (L2)	Draw an angle of a given measure	71.4	65.4	65.2
56	6SS3 (L2)	Solve measurement problem involving volume	75.0	50.7	51.0
57	6SS3 (L2)	Draw a rectangle for a given area	92.9	78.1	75.3
58	6SS4 (L2)	Draw a specified triangle	78.6	67.3	68.8
59	6SS6 (L2)	Represent the result of combining transformations	71.4	61.6	63.7
60	6SS6 (L2)	Represent the result of combining transformations	78.6	60.3	60.0
<u>Mental Mati</u>	<u>h</u>				
61	6N3 (L1)	Solve a multiplication fact	78.6	85.9	87.4
62	6N5 (L2)	Give an equivalent ratio for a given ratio	92.9	75.6	76.7
63	6N4 (L1)	Give a mixed number for a given improper fraction	64.3	61.0	59.7
64	6N8 (L2)	Find the product of a decimal number and a whole number	71.4	64.3	64.6
65	6N8 (L2)	Solve a problem for division of decimals by a divisor from 1 to 9	42.9	38.6	39.7
66	6N8 (L2)	Estimate the product of a decimal number by a whole number	57.1	61.5	64.6
67	6N8 (L2)	Estimate the quotient for division of decimals by a divisor from 1 to 9	75.0	58.1	61.3
68	6N9 (L1)	Apply the order of operations to solve a problem	21.4	34.5	33.5
				1	1
69 70	6SS2 (L2) 6SS2 (L2)	Estimate the measure of a given angle Give the measure of a missing angle in a given triangle	82.1	69.6 71.5	73.4

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 2 - Western

School #: 060 C.C. Loughlin Elementary, Corner Brook

Grades: K-6

ltem lumber	Outcome(s) Cognitive Level	Outcome Description	School [N=61]	District [N=831]	<b>Provinc</b> [N=4,998
under an Ora					
umber Co	ncepts				
41	6N1 (L1)	Write a given number in written form	46.5	46.2	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	60.5	46.2	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	38.6	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	40.4	44.2	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	36.8	29.8	30.3
46	6N3 (L3)	Solve a problem involving factors	56.1	59.1	55.3
47	6N7 (L3)	Compare the value of two given integers	57.9	62.1	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	46.5	48.7	46.4
<b>atterns an</b> 49	<u>d Relations</u> 6PR4 (L2)	Represent an equivalent equation for a given equation	47.4	62.1	63.6
50	6PR1 (L2)	Write a mathematical expression for a given equation	36.0	37.3	30.2
50	6PR2 (L2)	Create a table of values for a given situation	68.4	73.3	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	58.8	60.6	59.5
52	01 K2, 001 T (L2)		46.5	40.5	36.3
F.2				40.5	30.3
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	46.5	46.1	39.1
	6PR3 (L2)				
54 mape and s	6PR3 (L2) <u>Space</u>	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	46.5	46.1	39.1
54 nape and 5 55	6PR3 (L2) <b>Space</b> 6SS1 (L2)	Represent a pattern rule as a mathematical expression	46.5 59.8	46.1 65.4	39.1 65.2
54 nape and 5 55 56	6PR3 (L2) <u>Space</u> 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	46.5 59.8 43.8	46.1 65.4 50.7	39.1 65.2 51.0
54 nape and 5 55 56 57	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	46.5 59.8 43.8 74.1	46.1 65.4 50.7 78.1	39.1 65.2 51.0 75.3
53	6PR3 (L2)	write a pattern rule for a given problem	40.5	10.0	
54	6PR3 (L2)				
54 nape and 5 55	6PR3 (L2) <b>Space</b> 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	46.5 59.8	46.1 65.4	<u>39.1</u> 65.2
54 ape and 5 55 56	6PR3 (L2) <u>Space</u> 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	46.5 59.8 43.8	46.1 65.4 50.7	39.1 65.2 51.0
54 aape and 5 55 56 57	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	46.5 59.8 43.8 74.1	46.1 65.4 50.7 78.1	39.1 65.2 51.0 75.3
54 ape and 3 55 56 57 58	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	46.5 59.8 43.8 74.1 67.9	46.1 65.4 50.7 78.1 67.3	39.1 65.2 51.0 75.3 68.8
54 <b>ape and 3</b> 55 56 57 58	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	46.5 59.8 43.8 74.1 67.9	46.1 65.4 50.7 78.1 67.3	39.1 65.2 51.0 75.3 68.8 63.7
54 <b>nape and</b> 55 56 57 58 59	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	46.5 59.8 43.8 74.1 67.9 51.8	46.1 65.4 50.7 78.1 67.3 61.6	39.1 65.2 51.0 75.3 68.8 63.7
54 <b>nape and</b> 55 56 57 58 59	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	46.5 59.8 43.8 74.1 67.9 51.8	46.1 65.4 50.7 78.1 67.3 61.6	39.1 65.2 51.0 75.3 68.8
54 55 56 57 58 59 60 ental Math	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	46.5 59.8 43.8 74.1 67.9 51.8 48.2	46.1 65.4 50.7 78.1 67.3 61.6 60.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0
54 55 56 57 58 59 60 ental Math 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	46.5 59.8 43.8 74.1 67.9 51.8 48.2 87.7	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 <u>nape and 5</u> 55 56 57 58 59 60 <u>ental Math</u> 61 62	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	46.5 59.8 43.8 74.1 67.9 51.8 48.2 87.7 59.7	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54 hape and 3 55 56 57 58 59 60 ental Math 61 62 63	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	46.5 59.8 43.8 74.1 67.9 51.8 48.2 87.7 59.7 49.1	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7
54 hape and 3 55 56 57 58 59 60 ental Math 61 62 63 64	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	46.5 59.8 43.8 74.1 67.9 51.8 48.2 87.7 59.7 49.1 56.1	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6
54 hape and 3 55 56 57 58 59 60 ental Math 61 62 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	46.5 59.8 43.8 74.1 67.9 51.8 48.2 87.7 59.7 49.1 56.1 31.6	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7
54 hape and 3 55 56 57 58 59 60 ental Math 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	46.5 59.8 43.8 74.1 67.9 51.8 48.2 87.7 59.7 49.1 56.1 31.6 57.9	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6
54 hape and 3 55 56 57 58 59 60 ental Math 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	46.5 59.8 43.8 74.1 67.9 51.8 48.2 87.7 59.7 49.1 56.1 31.6	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7
54 hape and 3 55 56 57 58 59 60 ental Math 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	46.5 59.8 43.8 74.1 67.9 51.8 48.2 87.7 59.7 49.1 56.1 31.6 57.9	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6
54 hape and 3 55 56 57 58 59 60 ental Math 61 62 63 64 65 66 67	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	46.5 59.8 43.8 74.1 67.9 51.8 48.2 87.7 59.7 49.1 56.1 31.6 57.9 64.9	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6           61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

District 2 - Western

School #: 065 Humber Elementary, Corner Brook Grades: K-6

	Outcome(s) Cognitive Level	Outcome Description	School [N=64]	District [N=831]	<b>Provin</b> [N=4,99
lumber Cor	ncepts				
41	6N1 (L1)	Write a given number in written form	46.7	46.2	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	52.5	46.2	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	46.7	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	60.0	44.2	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	28.3	29.8	30.3
46	6N3 (L3)	Solve a problem involving factors	68.3	59.1	55.3
47	6N7 (L3)	Compare the value of two given integers	66.7	62.1	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	49.2	48.7	46.4
atterns and	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	68.8	62.1	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	50.8	37.3	30.2
51	6PR2 (L2)	Create a table of values for a given situation	81.3	73.3	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	68.0	60.6	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	45.3	40.5	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	52.3	46.1	39.1
01					
		Draw an angle of a given measure	57.0	65.4	65.2
hape and S	Space	Draw an angle of a given measure Solve measurement problem involving volume	57.0 50.0	65.4 50.7	_
<b>hape and S</b> 55	<b>Space</b> 6SS1 (L2)				51.0
55 56	<u>Space</u> 6SS1 (L2) 6SS3 (L2)	Solve measurement problem involving volume	50.0	50.7	51.0 75.3
55 56 57	<u>Space</u> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area	50.0 74.2	50.7 78.1	51.0 75.3 68.8
Shape and S 55 56 57 58	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle	50.0 74.2 64.1	50.7 78.1 67.3	51.0 75.3 68.8 63.7
Shape and S           55           56           57           58           59           60	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	50.0 74.2 64.1 61.7	50.7 78.1 67.3 61.6	51.0 75.3 68.8 63.7
Shape and S           55           56           57           58           59           60	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	50.0 74.2 64.1 61.7 61.7	50.7 78.1 67.3 61.6 60.3	51.0 75.3 68.8 63.7 60.0
Shape and S           55           56           57           58           59           60           Mental Math           61	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)           6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	50.0 74.2 64.1 61.7 61.7 88.1	50.7 78.1 67.3 61.6 60.3 85.9	51.0 75.3 68.8 63.7 60.0 87.4
Shape and S           55           56           57           58           59           60           Mental Math           61           62	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)           6SS6 (L2)           6SS6 (L2)           6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio	50.0 74.2 64.1 61.7 61.7 88.1 88.1 84.8	50.7 78.1 67.3 61.6 60.3 85.9 75.6	51.0 75.3 68.8 63.7 60.0 87.4 76.7
hape and \$ 55 56 57 58 59 60 60 61 61 62 63	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction	50.0 74.2 64.1 61.7 61.7 88.1 88.1 84.8 66.1	50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)           6N3 (L1)           6N5 (L2)           6N4 (L1)           6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	50.0 74.2 64.1 61.7 61.7 88.1 88.1 84.8 66.1 78.0	50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)           6N3 (L1)           6N5 (L2)           6N4 (L1)           6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	50.0 74.2 64.1 61.7 61.7 88.1 88.1 84.8 66.1 78.0 40.7	50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
Shape and S         55         56         57         58         59         60         Mental Math         61         62         63         64         65         66	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)           6SS6 (L2)           6N3 (L1)           6N5 (L2)           6N4 (L1)           6N8 (L2)           6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	50.0 74.2 64.1 61.7 61.7 88.1 88.1 84.8 66.1 78.0 40.7 63.6	50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
Shape and S         55         56         57         58         59         60         Mental Math         61         62         63         64         65         66         67	Space         6SS1 (L2)         6SS3 (L2)         6SS3 (L2)         6SS4 (L2)         6SS6 (L2)         6SS6 (L2)         6SS6 (L2)         6N3 (L1)         6N5 (L2)         6N4 (L1)         6N8 (L2)         6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	50.0 74.2 64.1 61.7 61.7 88.1 88.1 84.8 66.1 78.0 40.7 63.6 66.1	50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3
Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)           6SS6 (L2)           6N3 (L1)           6N5 (L2)           6N4 (L1)           6N8 (L2)           6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	50.0 74.2 64.1 61.7 61.7 88.1 88.1 84.8 66.1 78.0 40.7 63.6	50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 2 - Western

School #: 066 J.J. Curling Elementary, Corner Brook

Number	Outcome(s) Cognitive Level	Outcome Description	School [N=36]	District [N=831]	Provinc [N=4,998
umber Col	ncepts				
41	6N1 (L1)	Write a given number in written form	58.6	46.2	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	34.3	46.2	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	38.6	37.3	37.5
44	6N6 (L2) 6N4 (L2)	Demonstrate an understanding of percent pictorially and symbolically Place mixed numbers and improper fractions on a number line	47.1 28.6	44.2 29.8	46.3 30.3
46	6N3 (L3)	Solve a problem involving factors		59.1	-
40	6N7 (L3)	Compare the value of two given integers	57.1 57.1	62.1	55.3 59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	42.9	48.7	46.4
	d Relations	Performant on aquivalant equation for a given equation	50.7	60.4	62.6
49 50	6PR4 (L2) 6PR1 (L2)	Represent an equivalent equation for a given equation Write a mathematical expression for a given situation	59.7 41.7	62.1 37.3	63.6 30.2
51	6PR2 (L2)	Create a table of values for a given situation	84.7	73.3	70.4
				-	-
52	6PR2, 6SP1 (L2) 6PR3 (L2)	Graph a table of values using a linear graph	50.0	60.6	59.5
	6283(12)	Write a pattern rule for a given problem	38.9	40.5	36.3
53 54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	36.1	46.1	39.1
54 hape and S	6PR3 (L2) Space	Represent a pattern rule as a mathematical expression			
54 hape and \$ 55	6PR3 (L2) <b>Space</b> 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	80.6	65.4	65.2
54 hape and 5 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	80.6 65.3	65.4 50.7	65.2 51.0
54 hape and 5 55 56 57	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	80.6 65.3 81.9	65.4 50.7 78.1	65.2 51.0 75.3
54 hape and 5 55 56 57 58	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	80.6 65.3 81.9 75.0	65.4 50.7 78.1 67.3	65.2 51.0 75.3 68.8
54 hape and 5 55 56 57	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	80.6 65.3 81.9	65.4 50.7 78.1	65.2 51.0 75.3
54 hape and 3 55 56 57 58 59 60	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	80.6 65.3 81.9 75.0 51.4 50.0	65.4 50.7 78.1 67.3 61.6 60.3	65.2 51.0 75.3 68.8 63.7 60.0
54 hape and \$ 55 56 57 58 59 60 60	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	80.6 65.3 81.9 75.0 51.4 50.0 91.4	65.4 50.7 78.1 67.3 61.6 60.3 85.9	65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 hape and 5 55 56 57 58 59 60 Mental Math 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	80.6 65.3 81.9 75.0 51.4 50.0 91.4 80.0	65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54 hape and \$ 55 56 57 58 59 60 Mental Math 61 62 63	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	80.6 65.3 81.9 75.0 51.4 50.0 91.4 80.0 68.6	65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
54 hape and 3 55 56 57 58 59 60 Mental Math 61 62 63 64	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	80.6 65.3 81.9 75.0 51.4 50.0 91.4 80.0 68.6 65.7	65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
54 hape and 3 55 56 57 58 59 60 Mental Math 61 62 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	80.6 65.3 81.9 75.0 51.4 50.0 91.4 80.0 68.6 65.7 28.6	65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
54 hape and 3 55 56 57 58 59 60 <i>lental Math</i> 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	80.6 65.3 81.9 75.0 51.4 50.0 91.4 80.0 68.6 65.7 28.6 61.4	65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
54 hape and S 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	80.6 65.3 81.9 75.0 51.4 50.0 91.4 80.0 68.6 65.7 28.6 61.4 47.1	65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3
54 hape and 3 55 56 57 58 59 60 <i>lental Math</i> 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	80.6 65.3 81.9 75.0 51.4 50.0 91.4 80.0 68.6 65.7 28.6 61.4	65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
54 hape and S 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	80.6 65.3 81.9 75.0 51.4 50.0 91.4 80.0 68.6 65.7 28.6 61.4 47.1	65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 2 - Western

School #: 069 Sacred Heart Elementary, Corner Brook

Number	Outcome(s) Cognitive Level	Outcome Description	School [N=38]	District [N=831]	<b>Provinc</b> [N=4,998
umber Co	ncepts				
41	6N1 (L1)	Write a given number in written form	60.0	46.2	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	35.7	46.2	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	38.6	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	55.7	44.2	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	35.7	29.8	30.3
46	6N3 (L3)	Solve a problem involving factors	65.7	59.1	55.3
47	6N7 (L3)	Compare the value of two given integers	71.4	62.1	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	61.4	48.7	46.4
<b>atterns an</b> 49	<u>d Relations</u> 6PR4 (L2)	Represent an equivalent equation for a given equation	43.2	62.1	63.6
50	6PR1 (L2)	Write a mathematical expression for a given equation	27.0	37.3	30.2
51	6PR2 (L2)	Create a table of values for a given situation	82.4	73.3	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	63.5	60.6	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	27.0	40.5	36.3
55	0FK3 (L2)	White a pattern rule for a given problem	27.0	40.5	30.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	59.5	46.1	39.1
54 hape and 5 55	Space	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	<u>59.5</u> 64.5	65.4	<u>39.1</u> 65.2
hape and s					
<b>hape and</b> 55	<b>Space</b> 6SS1 (L2)	Draw an angle of a given measure	64.5	65.4	65.2
<b>hape and</b> 55 56	Space 6SS1 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume	64.5 38.2	65.4 50.7	65.2 51.0
hape and 5 55 56 57	<u>Space</u> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area	64.5 38.2 64.5	65.4 50.7 78.1	65.2 51.0 75.3
hape and 55 55 56 57 58	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle	64.5 38.2 64.5 54.0	65.4 50.7 78.1 67.3	65.2 51.0 75.3 68.8
hape and 5 55 56 57 58 59 60	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	64.5 38.2 64.5 54.0 54.0 57.9	65.4 50.7 78.1 67.3 61.6 60.3	65.2 51.0 75.3 68.8 63.7 60.0
hape and 5 55 56 57 58 59 60 60	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	64.5 38.2 64.5 54.0 54.0 57.9 86.5	65.4 50.7 78.1 67.3 61.6 60.3 85.9	65.2 51.0 75.3 68.8 63.7 60.0 87.4
hape and 5 55 56 57 58 59 60 Mental Math 61 62	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1) 6N5 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio	64.5 38.2 64.5 54.0 54.0 57.9 86.5 64.9	65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
hape and 5 55 56 57 58 59 60 Mental Math 61 62 63	Space         6SS1 (L2)         6SS3 (L2)         6SS3 (L2)         6SS4 (L2)         6SS6 (L2)         6 (L1)         6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction	64.5 38.2 64.5 54.0 54.0 57.9 86.5 64.9 67.6	65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
hape and 3 55 56 57 58 59 60 Mental Math 61 62 63 63 64	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	64.5 38.2 64.5 54.0 54.0 57.9 86.5 64.9 67.6 62.2	65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
hape and 3 55 56 57 58 59 60 Mental Math 61 62 63 63 64 65	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)           6N3 (L1)           6N5 (L2)           6N4 (L1)           6N8 (L2)	Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	64.5 38.2 64.5 54.0 54.0 57.9 86.5 64.9 67.6 62.2 37.8	65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
hape and 5 55 56 57 58 59 60 Mental Math 61 62 63 63 64 65 66	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number	64.5 38.2 64.5 54.0 57.9 86.5 64.9 67.6 62.2 37.8 52.7	65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
hape and 5 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 66 67	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the quotient for division of decimals by a divisor from 1 to 9	64.5 38.2 64.5 54.0 57.9 86.5 64.9 67.6 62.2 37.8 52.7 50.0	65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3
hape and 5 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 66 67 68	Space         6SS1 (L2)         6SS3 (L2)         6SS3 (L2)         6SS4 (L2)         6SS6 (L2)         6S	Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number         Estimate the quotient for division of decimals by a divisor from 1 to 9         Apply the order of operations to solve a problem	64.5 38.2 64.5 54.0 54.0 57.9 86.5 64.9 67.6 62.2 37.8 52.7 50.0 50.0	65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1 34.5	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3 33.5
hape and 5 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 66 67	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the quotient for division of decimals by a divisor from 1 to 9	64.5 38.2 64.5 54.0 57.9 86.5 64.9 67.6 62.2 37.8 52.7 50.0	65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 2 - Western

School #: 070 St. Gerard's Elementary, Corner Brook

Grades: K-6

Item Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=13]	District [N=831]	<b>Provinc</b> [N=4,998]
umber Co	ncepts				
41	6N1 (L1)	Write a given number in written form	57.7	46.2	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	46.2	46.2	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	46.2	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	42.3	44.2	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	46.2	29.8	30.3
46	6N3 (L3)	Solve a problem involving factors	69.2	59.1	55.3
47	6N7 (L3)	Compare the value of two given integers	50.0	62.1	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	50.0	48.7	46.4
<b>atterns an</b> 49	d Relations	Performant on equivalent equation for a given equation	50.0	62.4	63.6
49 50	6PR4 (L2) 6PR1 (L2)	Represent an equivalent equation for a given equation Write a mathematical expression for a given situation	50.0	62.1	63.6
51	6PR2 (L2)		23.1	37.3	30.2
52		Create a table of values for a given situation Graph a table of values using a linear graph	80.8	73.3	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	50.0	60.6	59.5
50		White a mattern wile fame alives much laws	4 - 4		
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	15.4 23.1	40.5 46.1	36.3 39.1
	6PR3 (L2)				
54 hape and S	6PR3 (L2)	Represent a pattern rule as a mathematical expression	23.1	46.1	39.1
54 hape and \$ 55	6PR3 (L2) <b>Space</b> 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	23.1 53.9	46.1	39.1 65.2
54 hape and 5 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	23.1 53.9 61.5	46.1 65.4 50.7	39.1 65.2 51.0
54 hape and 5 55 56 57	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	23.1 53.9 61.5 65.4	46.1 65.4 50.7 78.1	65.2 51.0 75.3
54 hape and 5 55 56 57 58	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	23.1 53.9 61.5 65.4 73.1	46.1 65.4 50.7 78.1 67.3	65.2 51.0 75.3 68.8
54 hape and 5 55 56 57 58 59	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	23.1 53.9 61.5 65.4 73.1 76.9	46.1 65.4 50.7 78.1 67.3 61.6	39.1           65.2           51.0           75.3           68.8           63.7
54 hape and \$ 55 56 57 58 59 60 lental Math 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	23.1 53.9 61.5 65.4 73.1 76.9 76.9 76.9	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4
54 hape and 5 55 56 57 58 59 60 Mental Math 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	23.1 53.9 61.5 65.4 73.1 76.9 76.9	46.1 65.4 50.7 78.1 67.3 61.6 60.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0
54 hape and \$ 55 56 57 58 59 60 60 60 61 62 63	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	23.1 53.9 61.5 65.4 73.1 76.9 76.9 76.9	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7
54 hape and 3 55 56 57 58 59 60 Mental Math 61 62 63 64	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	23.1 53.9 61.5 65.4 73.1 76.9 76.9 100.0 46.2 46.2 76.9	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7
54 hape and 3 55 56 57 58 59 60 Mental Math 61 62 63 64 65	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	23.1 53.9 61.5 65.4 73.1 76.9 76.9 76.9 100.0 46.2 46.2 76.9 53.9	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7
54 hape and 3 55 56 57 58 59 60 <i>lental Math</i> 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	23.1 53.9 61.5 65.4 73.1 76.9 76.9 76.9 100.0 46.2 46.2 46.2 76.9 53.9 73.1	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6
54 hape and S 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 67	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	23.1 53.9 61.5 65.4 73.1 76.9 76.9 76.9 100.0 46.2 46.2 76.9 53.9	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7
54 hape and 3 55 56 57 58 59 60 <i>lental Math</i> 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	23.1 53.9 61.5 65.4 73.1 76.9 76.9 76.9 100.0 46.2 46.2 46.2 76.9 53.9 73.1	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6
54 hape and S 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	23.1 53.9 61.5 65.4 73.1 76.9 76.9 76.9 100.0 46.2 46.2 46.2 76.9 53.9 73.1 61.5	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6           61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 2 - Western

School #: 072 Holy Cross All Grade School, Daniel's Harbour

Grades: K-12

ltem umber	Outcome(s) Cognitive Level	Outcome Description	School [N=2]	District [N=831]	<b>Provinc</b> [N=4,998
Imber Co	ncepts				
41	6N1 (L1)	Write a given number in written form		46.2	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	School data with 5 or	46.2	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	fewer	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	students	44.2	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	withheld for	29.8	30.3
46	6N3 (L3)	Solve a problem involving factors	reasons of	59.1	55.3
47	6N7 (L3)	Compare the value of two given integers	confidentiality	62.1	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers		48.7	46.4
atterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation		62.1	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation		37.3	30.2
51	6PR2 (L2)	Create a table of values for a given situation		73.3	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph		60.6	59.5
			_		
	, , ,	Write a pattern rule for a given problem		10 5	36.3
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression		40.5 46.1	36.3 39.1
53	6PR3 (L2) 6PR3 (L2)				
53 54 nape and 3	6PR3 (L2) 6PR3 (L2) 5pace	Represent a pattern rule as a mathematical expression		46.1	39.1
53 54 nape and 5	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure		46.1 65.4	39.1 65.2
53 54 nape and 3 55 56	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume		46.1 65.4 50.7	39.1 65.2 51.0
53 54 mape and 5 55 56 57	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area		46.1 65.4 50.7 78.1	39.1 65.2 51.0 75.3
53 54 <b>nape and 3</b> 55 56 57 58	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle		46.1 65.4 50.7 78.1 67.3	39.1           65.2           51.0           75.3           68.8
53 54 <b>nape and 3</b> 55 56 57 58 59	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations		46.1 65.4 50.7 78.1 67.3 61.6	39.1           65.2           51.0           75.3           68.8           63.7
53 54 55 55 56 57 58 59 60 ental Math 61	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact		46.1 65.4 50.7 78.1 67.3 61.6	39.1           65.2           51.0           75.3           68.8           63.7
53 54 55 55 56 57 58 59 60 ental Math	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5Dace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations		46.1 65.4 50.7 78.1 67.3 61.6 60.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0
53 54 55 55 56 57 58 59 60 ental Math 61	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact		46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4
53 54 55 55 56 57 58 59 60 ental Math 61 62	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio		46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7
53 54 55 55 56 57 58 59 60 ental Math 61 62 63	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction		46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7
53 54 <b>aape and 3</b> 55 56 57 58 59 60 <b>ental Math</b> 61 62 63 63 64	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number		46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6
53 54 55 55 56 57 58 59 60 ental Math 61 62 63 63 64 65	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9		46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7
53 54 55 55 56 57 58 59 60 ental Math 61 62 63 64 65 66	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5Dace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number		46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6
53 54 55 55 56 57 58 59 60 ental Math 61 62 63 64 65 66 66 67	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9		46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6           61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

District 2 - Western

# School #: 075 Hampden Academy, Hampden Grades: K-12

ltem Number	Outcome(s) Cognitive Level	Outcome Description	School [N=4]	District [N=831]	<b>Provinc</b> [N=4,998
lumbor Co	noonfo				
lumber Col	ncepts				
41	6N1 (L1)	Write a given number in written form		46.2	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	School data with 5 or	46.2	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	fewer	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	students	44.2	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	withheld for	29.8	30.3
46	6N3 (L3)	Solve a problem involving factors	reasons of	59.1	55.3
47	6N7 (L3)	Compare the value of two given integers	confidentiality	62.1	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers		48.7	46.4
Patterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation		62.1	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation		37.3	30.2
51	6PR2 (L2)	Create a table of values for a given situation		73.3	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph		60.6	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem		40.5	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression		46.1	39.1
54	6PR3 (L2)				
54 Thape and S	6PR3 (L2) <u>Space</u>	Represent a pattern rule as a mathematical expression		46.1	39.1
54 Shape and \$ 55	6PR3 (L2) <b>Space</b> 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure		46.1 65.4	39.1 65.2
54 T <b>hape and S</b> 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume		46.1 65.4 50.7	39.1 65.2 51.0
54 hape and 5 55 56 57	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area		46.1 65.4 50.7 78.1	39.1 65.2 51.0 75.3
54 <b>Shape and S</b> 55 56 57 58	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle		46.1 65.4 50.7 78.1 67.3	39.1 65.2 51.0 75.3 68.8
54 <b>Chape and S</b> 55 56 57 58 59	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations		46.1 65.4 50.7 78.1 67.3 61.6	39.1 65.2 51.0 75.3 68.8 63.7
54 55 56 57 58 59 60 Mental Math	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations		46.1 65.4 50.7 78.1 67.3 61.6 60.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0
54 55 56 57 58 59 60 Mental Math 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact		46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 55 56 57 58 59 60 Mental Math 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1) 6N5 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio		46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction		46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7
54 55 56 57 58 59 60 Mental Math 61 62 63 64	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number		46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6
54 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9		46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7
54 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number		46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6
54 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9		46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6           61.3
54 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 64 65 66 67 68	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N9 (L1)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9         Apply the order of operations to solve a problem		46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1 34.5	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6           33.5
54 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9		46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6           61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 2 - Western

School #: 079 St. James All Grade, Lark Harbour Grades: K-12

Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=13]	District [N=831]	<b>Province</b> [N=4,998]
Number Co	ncepts				
41	6N1 (L1)	Write a given number in written form	23.1	46.2	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	19.2	46.2	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	38.5	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	30.8	44.2	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	11.5	29.8	30.3
46	6N3 (L3)	Solve a problem involving factors	30.8	59.1	55.3
47	6N7 (L3)	Compare the value of two given integers	30.8	62.1	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	30.8	48.7	46.4
<u>Patterns an</u>	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	57.7	62.1	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	7.7	37.3	30.2
51	6PR2 (L2)	Create a table of values for a given situation	38.5	73.3	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	38.5	60.6	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	19.2	40.5	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	0.0	46.1	39.1
<u>Shape and S</u> 55	<u>Space</u> 6SS1 (L2)	Draw an angle of a given measure	46.2	65.4	65.2
		Draw an angle of a given measure Solve measurement problem involving volume	46.2	65.4 50.7	65.2 51.0
55	6SS1 (L2)				
55 56	6SS1 (L2) 6SS3 (L2)	Solve measurement problem involving volume	15.4	50.7	51.0
55 56 57	6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area	15.4 65.4	50.7 78.1	51.0 75.3
55 56 57 58	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle	15.4 65.4 53.9	50.7 78.1 67.3	51.0 75.3 68.8
55 56 57 58 59	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	15.4 65.4 53.9 53.9	50.7 78.1 67.3 61.6	51.0 75.3 68.8 63.7
55 56 57 58 59 60	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	15.4 65.4 53.9 53.9	50.7 78.1 67.3 61.6	51.0 75.3 68.8 63.7
55 56 57 58 59 60 <i>Mental Math</i>	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	15.4 65.4 53.9 53.9 50.0	50.7 78.1 67.3 61.6 60.3	51.0 75.3 68.8 63.7 60.0
55 56 57 58 59 60 <u>Mental Math</u>	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	15.4 65.4 53.9 53.9 50.0 91.7	50.7 78.1 67.3 61.6 60.3 85.9	51.0 75.3 68.8 63.7 60.0 87.4
55 56 57 58 59 60 <u>Mental Math</u> 61 62	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio	15.4 65.4 53.9 50.0 91.7 50.0	50.7 78.1 67.3 61.6 60.3 85.9 75.6	51.0 75.3 68.8 63.7 60.0 87.4 76.7
55 56 57 58 59 60 <u>Mental Math</u> 61 62 63	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction	15.4 65.4 53.9 50.0 91.7 50.0 58.3	50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
55 56 57 58 59 60 <b>Mental Math</b> 61 61 62 63 63 64	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	15.4 65.4 53.9 50.0 91.7 50.0 58.3 83.3	50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
55 56 57 58 59 60 <u>Mental Math</u> 61 62 63 63 64 65	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	15.4 65.4 53.9 50.0 91.7 50.0 58.3 83.3 33.3	50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
55         56         57         58         59         60         Mental Math         61         62         63         64         65         66	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	15.4 65.4 53.9 50.0 91.7 50.0 58.3 83.3 33.3 45.8	50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64 65 66 67	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	15.4 65.4 53.9 50.0 91.7 50.0 58.3 83.3 33.3 45.8 54.2	50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

District 2 - Western

# School #: 080 Templeton Academy, Meadows

Grades: K-12

ltem Number	Outcome(s) Cognitive Level	Outcome Description	School [N=40]	District [N=831]	<b>Provine</b> [N=4,998
lumber Col	ncepts				
41	6N1 (L1)	Write a given number in written form	40.8	46.2	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	35.5	46.2	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	44.7	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	47.4	44.2	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	36.8	29.8	30.3
46	6N3 (L3)	Solve a problem involving factors	72.4	59.1	55.3
47	6N7 (L3)	Compare the value of two given integers	67.1	62.1	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	60.5	48.7	46.4
49	6PR4 (L2)	Represent an equivalent equation for a given equation	68.9	62.1	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	35.1	37.3	30.2
51	6PR2 (L2)	Create a table of values for a given situation	87.8	73.3	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	60.8	60.6	59.5
			<b>DE 1</b>	40.5	36.3
53	6PR3 (L2)	Write a pattern rule for a given problem	35.1	40.0	00.0
54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	35.1 43.2	46.1	-
54 hape and S	6PR3 (L2) Space	Represent a pattern rule as a mathematical expression	43.2	46.1	39.1
54 <b>hape and \$</b> 55	6PR3 (L2) Space 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	43.2 62.2	46.1	39.1 65.2
54 hape and \$	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	43.2 62.2 54.1	46.1	39.1 65.2 51.0
54 hape and \$ 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	43.2 62.2	46.1 65.4 50.7	39.1 65.2 51.0 75.3
54 hape and \$ 55 56 57	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	43.2 62.2 54.1 77.0	46.1 65.4 50.7 78.1	39.1 65.2 51.0 75.3 68.8
54	6PR3 (L2)				-
54 hape and \$ 55	6PR3 (L2) Space 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	43.2 62.2	46.1	<u>39.</u> 65.2
54 hape and \$ 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	43.2 62.2 54.1	46.1 65.4 50.7	39. <sup>-</sup> 65.2 51.0
54 hape and \$ 55 56 57	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	43.2 62.2 54.1 77.0	46.1 65.4 50.7 78.1	39. <sup>2</sup> 65.2 51.0 75.3
54 hape and \$ 55 56 57 58	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	43.2 62.2 54.1 77.0 71.6	46.1 65.4 50.7 78.1 67.3	65.2 51.0 75.3 68.8
54 hape and \$ 55 56 57 58	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	43.2 62.2 54.1 77.0 71.6	46.1 65.4 50.7 78.1 67.3	65.3 65.3 51.0 75.3 68.4 63.3
54 55 56 57 58 59 60 Mental Math	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	43.2 62.2 54.1 77.0 71.6 73.0 70.3	46.1 65.4 50.7 78.1 67.3 61.6 60.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0
54 hape and \$ 55 56 57 58 59 60 60	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	43.2 62.2 54.1 77.0 71.6 73.0 70.3 97.5	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 hape and \$ 55 56 57 58 59 60 Mental Math 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	43.2 62.2 54.1 77.0 71.6 73.0 70.3 97.5 82.5	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54 hape and \$ 55 56 57 58 59 60 Mental Math 61 62 63	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	43.2 62.2 54.1 77.0 71.6 73.0 70.3 97.5	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54 hape and \$ 55 56 57 58 59 60 Mental Math 61 62	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	43.2 62.2 54.1 77.0 71.6 73.0 70.3 97.5 82.5	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
54 hape and \$ 55 56 57 58 59 60 Mental Math 61 62 63	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	43.2 62.2 54.1 77.0 71.6 73.0 70.3 97.5 82.5 65.0	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
54 hape and \$ 55 56 57 58 59 60 Mental Math 61 62 63 64	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	43.2 62.2 54.1 77.0 71.6 73.0 70.3 97.5 82.5 65.0 67.5	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
54 hape and \$ 55 56 57 58 59 60 Mental Math 61 62 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	43.2 62.2 54.1 77.0 71.6 73.0 70.3 97.5 82.5 65.0 65.0 67.5 37.5	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
54 55 56 57 58 59 60 60 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	43.2 62.2 54.1 77.0 71.6 73.0 70.3 97.5 82.5 65.0 67.5 37.5 66.3	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5	
54 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	43.2 62.2 54.1 77.0 71.6 73.0 70.3 97.5 82.5 65.0 67.5 37.5 66.3 58.8	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 2 - Western

School #: 082 Pasadena Elementary School, Pasadena

Grades: K-6

ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=29]	District [N=831]	<b>Provinc</b> [N=4,998]
lumber Col	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form	25.9	46.2	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	51.9	46.2	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	22.2	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	25.9	44.2	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	31.5	29.8	30.3
46	6N3 (L3)	Solve a problem involving factors	51.9	59.1	55.3
47	6N7 (L3)	Compare the value of two given integers	81.5	62.1	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	46.3	48.7	46.4
<b>Patterns an</b> 49	<u>d Relations</u> 6PR4 (L2)	Represent an equivalent equation for a given equation	54.0	62.1	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	20.0	37.3	30.2
51	6PR2 (L2)	Create a table of values for a given situation	84.0	73.3	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	68.0	60.6	59.5
52	01 1(2, 001 1 (LZ)			40.5	36.3
52	6DD2 (1 2)	Write a pattorn rule for a given problem			
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	48.0 48.0	46.1	39.1
	6PR3 (L2)				
54 hape and S	6PR3 (L2) Space	Represent a pattern rule as a mathematical expression	48.0	46.1	39.1
54 Shape and \$ 55	6PR3 (L2) Space 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	48.0 50.0	46.1	39.1 65.2
54 T <b>hape and S</b> 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	48.0 50.0 58.0	46.1 65.4 50.7	39.1 65.2 51.0
54 Shape and S 55 56 57	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	48.0 50.0 58.0 82.0	46.1 65.4 50.7 78.1	39.1 65.2 51.0 75.3
54 Shape and S 55 56 57 58	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	48.0 50.0 58.0 82.0 62.0	46.1 65.4 50.7 78.1 67.3	39.1 65.2 51.0 75.3 68.8
54 Shape and S 55 56 57 58 59	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	48.0 50.0 58.0 82.0 62.0 70.0	46.1 65.4 50.7 78.1 67.3 61.6	39.1 65.2 51.0 75.3 68.8 63.7
54 <b>Shape and S</b> 55 56 57 58 59 60	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	48.0 50.0 58.0 82.0 62.0 70.0	46.1 65.4 50.7 78.1 67.3 61.6	39.1 65.2 51.0 75.3 68.8 63.7
54 <i>hape and</i> 55 56 57 58 59 60 <i>Mental Math</i>	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	48.0 50.0 58.0 82.0 62.0 70.0 70.0	46.1 65.4 50.7 78.1 67.3 61.6 60.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0
54 hape and \$ 55 56 57 58 59 60 fental Math 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	48.0 50.0 58.0 82.0 62.0 70.0 70.0 92.3	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 55 56 57 58 59 60 Mental Math 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	48.0 50.0 58.0 82.0 62.0 70.0 70.0 70.0 92.3 84.6	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7
54 55 56 57 58 59 60 Mental Math 61 62 63	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	48.0 50.0 58.0 82.0 62.0 70.0 70.0 92.3 84.6 61.5	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7
54 55 56 57 58 59 60 Mental Math 61 62 63 64	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	48.0 50.0 58.0 82.0 62.0 70.0 70.0 70.0 92.3 84.6 61.5 76.9	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6
54 <i>hape and</i> 5 55 56 57 58 59 60 <i>Mental Math</i> 61 62 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	48.0 50.0 58.0 82.0 62.0 70.0 70.0 70.0 92.3 84.6 61.5 76.9 42.3	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7
54 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	48.0 50.0 58.0 82.0 62.0 70.0 70.0 70.0 92.3 84.6 61.5 76.9 42.3 80.8	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6
54 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	48.0 50.0 58.0 82.0 62.0 70.0 70.0 70.0 92.3 84.6 61.5 76.9 42.3 80.8 69.2	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6           61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

District 2 - Western

School #: 086 Gros Morne Academy, Rocky Harbour Grades: K-12

ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=19]	District [N=831]	<b>Proving</b> [N=4,998
lumber Col	ncepts				
41	6N1 (L1)	Write a given number in written form	62.5	46.2	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	40.6	46.2	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	28.1	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	34.4	44.2	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	34.4	29.8	30.3
46	6N3 (L3)	Solve a problem involving factors	56.3	59.1	55.3
47	6N7 (L3)	Compare the value of two given integers	56.3	62.1	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	56.3	48.7	46.4
Patterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	50.0	62.1	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	29.0	37.3	30.2
51	6PR2 (L2)	Create a table of values for a given situation	71.1	73.3	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	65.8	60.6	59.5
	,	· · · · · · · · · · · · · · · · · · ·			
53	6PR3 (12)				
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	36.8 34.2	40.5 46.1	30.3
54 Shape and S	6PR3 (L2) Space	Represent a pattern rule as a mathematical expression	34.2	46.1	39.1
54 Shape and \$ 55	6PR3 (L2) <b>Space</b> 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	34.2 63.2	46.1	<u>39.1</u> 65.2
54 Shape and S	6PR3 (L2) Space	Represent a pattern rule as a mathematical expression	34.2	46.1	39.1 65.2 51.0
54 Shape and S 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	34.2 63.2 29.0	46.1 65.4 50.7	39.1 65.2 51.0 75.3
54 Shape and S 55 56 57	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	34.2 63.2 29.0 65.8	46.1 65.4 50.7 78.1	65.2 51.0 75.3 68.8
54 Shape and S 55 56 57 58	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	34.2 63.2 29.0 65.8 73.7	46.1 65.4 50.7 78.1 67.3	39.1 65.2 51.0 75.3 68.8 63.7
54 <b>Chape and S</b> 55 56 57 58 59 60	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	34.2 63.2 29.0 65.8 73.7 86.8	46.1 65.4 50.7 78.1 67.3 61.6	39.1 65.2 51.0 75.3 68.8 63.7
54 55 56 57 58 59 60 Mental Math	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	34.2 63.2 29.0 65.8 73.7 86.8 81.6	46.1 65.4 50.7 78.1 67.3 61.6 60.3	65.2 51.0 75.3 68.8 63.7 60.0
54 55 56 57 58 59 60 Mental Math 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	34.2 63.2 29.0 65.8 73.7 86.8 81.6 88.9	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 55 56 57 58 59 60 Mental Math 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	34.2 63.2 29.0 65.8 73.7 86.8 81.6 81.6 88.9 83.3	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54 55 56 57 58 59 60 Mental Math 61 62 63	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	34.2 63.2 29.0 65.8 73.7 86.8 81.6 88.9 88.9 83.3 55.6	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
54 55 56 57 58 59 60 Mental Math 61 62 63 64	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	34.2 63.2 29.0 65.8 73.7 86.8 81.6 88.9 88.9 83.3 55.6 77.8	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
54 Shape and S 55 56 57 58 59 60 Mental Math 61 62 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	34.2 63.2 29.0 65.8 73.7 86.8 81.6 88.9 83.3 55.6 77.8 66.7	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
54           Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	34.2 63.2 29.0 65.8 73.7 86.8 81.6 88.9 83.3 55.6 77.8 66.7 69.4	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
54           Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66           67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	34.2 63.2 29.0 65.8 73.7 86.8 81.6 88.9 83.3 55.6 77.8 66.7 69.4 58.3	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3
54           Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	34.2 63.2 29.0 65.8 73.7 86.8 81.6 88.9 83.3 55.6 77.8 66.7 69.4	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 2 - Western

School #: 088 Main River Academy, Pollard's Point Grades: K-12

ltem Number	Outcome(s) Cognitive Level	Outcome Description	School [N=5]	District [N=831]	Provinc [N=4,998
umber Col	ncepts				
41	6N1 (L1)	Write a given number in written form		46.2	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	School data with 5 or	46.2	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	fewer	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	students	44.2	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	withheld for	29.8	30.3
46	6N3 (L3)	Solve a problem involving factors	reasons of	59.1	55.3
47	6N7 (L3)	Compare the value of two given integers	confidentiality	62.1	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers		48.7	46.4
atterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation		62.1	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation		37.3	30.2
51	6PR2 (L2)	Create a table of values for a given situation		73.3	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph		60.6	59.5
		Chapit a table of values doing a mean graph		00.0	
		Write a pattern rule for a given problem		40 F	26.2
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression		40.5 46.1	36.3 39.1
53	6PR3 (L2) 6PR3 (L2)	Represent a pattern rule as a mathematical expression			
53 54 hape and \$	6PR3 (L2) 6PR3 (L2) Space 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure		46.1 65.4	39.1 65.2
53 54 hape and 5 55	6PR3 (L2) 6PR3 (L2) Space	Represent a pattern rule as a mathematical expression		46.1	39.1
53 54 hape and \$ 55 56	6PR3 (L2) 6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume		46.1 65.4 50.7	39.1 65.2 51.0
53 54 hape and 5 55 56 57	6PR3 (L2) 6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area		46.1 65.4 50.7 78.1	39.1 65.2 51.0 75.3
53 54 hape and 5 55 56 57 58	6PR3 (L2) 6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle		46.1 65.4 50.7 78.1 67.3	39.1           65.2           51.0           75.3           68.8
53 54 hape and 3 55 56 57 58 59	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations		46.1 65.4 50.7 78.1 67.3 61.6	39.1           65.2           51.0           75.3           68.8           63.7
53 54 hape and 3 55 56 57 58 59 60 ental Math 61	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact		46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4
53 54 hape and 5 55 56 57 58 59 60 ental Math	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio		46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7
53 54 hape and 5 55 56 57 58 59 60 ental Math 61 62 63	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction		46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7
53 54 hape and 5 55 56 57 58 59 60 lental Math 61 62	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number		46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
53 54 hape and 5 55 56 57 58 59 60 ental Math 61 62 63 63 64 65	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9		46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7
53 54 hape and 5 55 56 57 58 59 60 ental Math 61 62 63 63 64	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number		46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6
53 54 hape and 5 55 56 57 58 59 60 ental Math 61 62 63 63 64 65	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9		46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7
53 54 hape and 3 55 56 57 58 59 60 ental Math 61 62 63 64 65 66	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number		46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6
53 54 hape and S 55 56 57 58 59 60 ental Math 61 62 63 64 65 66 66 67	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9		46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6           61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 2 - Western

School #: 089 Jakeman All Grade, Trout River Grades: K-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=9]	District [N=831]	<b>Province</b> [N=4,998]
Number Co	incents				
Number CO	incepts				
41	6N1 (L1)	Write a given number in written form	88.9	46.2	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	88.9	46.2	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	83.3	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	61.1	44.2	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	50.0	29.8	30.3
46	6N3 (L3)	Solve a problem involving factors	83.3	59.1	55.3
47	6N7 (L3)	Compare the value of two given integers	83.3	62.1	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	44.4	48.7	46.4
Patterns an	nd Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	62.5	62.1	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	87.5	37.3	30.2
51	6PR2 (L2)	Create a table of values for a given situation	87.5	73.3	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	93.8	60.6	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	50.0	40.5	36.3
<u>Shape and</u> 55	<u>Space</u> 6SS1 (L2)	Draw an angle of a given measure	75.0	65.4	65.2
56	6SS3 (L2)	Solve measurement problem involving volume	50.0	50.7	51.0
57	6SS3 (L2)	Draw a rectangle for a given area	93.8	78.1	75.3
58	6SS4 (L2)	Draw a specified triangle	100.0	67.3	68.8
59	6SS6 (L2)	Represent the result of combining transformations	75.0	61.6	63.7
60	6SS6 (L2)	Represent the result of combining transformations	62.5	60.3	60.0
<u>Mental Mati</u>	<u>h</u>				
<u>Mental Matl</u> 61	<u>h</u> 6N3 (L1)	Solve a multiplication fact	100.0	85.9	87.4
	-	Solve a multiplication fact Give an equivalent ratio for a given ratio	<u>100.0</u> 44.4	85.9 75.6	87.4 76.7
61	6N3 (L1)				
61 62	6N3 (L1) 6N5 (L2)	Give an equivalent ratio for a given ratio	44.4	75.6	76.7
61 62 63 64 65	6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction	44.4 88.9	75.6 61.0	76.7 59.7
61 62 63 64	6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number	44.4 88.9 44.4	75.6 61.0 64.3	76.7 59.7 64.6
61 62 63 64 65	6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Give an equivalent ratio for a given ratioGive a mixed number for a given improper fractionFind the product of a decimal number and a whole numberSolve a problem for division of decimals by a divisor from 1 to 9	44.4 88.9 44.4 55.6	75.6 61.0 64.3 38.6	76.7 59.7 64.6 39.7
61 62 63 64 65 66	6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Give an equivalent ratio for a given ratioGive a mixed number for a given improper fractionFind the product of a decimal number and a whole numberSolve a problem for division of decimals by a divisor from 1 to 9Estimate the product of a decimal number by a whole number	44.4 88.9 44.4 55.6 77.8	75.6 61.0 64.3 38.6 61.5	76.7 59.7 64.6 39.7 64.6
61 62 63 64 65 66 67	6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Give an equivalent ratio for a given ratioGive a mixed number for a given improper fractionFind the product of a decimal number and a whole numberSolve a problem for division of decimals by a divisor from 1 to 9Estimate the product of a decimal number by a whole numberEstimate the quotient for division of decimals by a divisor from 1 to 9	44.4 88.9 44.4 55.6 77.8 66.7	75.6 61.0 64.3 38.6 61.5 58.1	76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 2 - Western

School #: 091 Burgeo Academy, Burgeo Grades: K-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=13]	District [N=831]	<b>Province</b> [N=4,998]
<u>Number Co</u>	ncepts				
41	6N1 (L1)	Write a given number in written form	15.4	46.2	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	34.6	46.2	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	26.9	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	46.2	44.2	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	30.8	29.8	30.3
46	6N3 (L3)	Solve a problem involving factors	50.0	59.1	55.3
47	6N7 (L3)	Compare the value of two given integers	53.9	62.1	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	50.0	48.7	46.4
<i>Patterns an</i> 49	<u>d Relations</u> 6PR4 (L2)	Represent an equivalent equation for a given equation	84.6	62.1	63.6
50	6PR1 (L2)	Write a mathematical expression for a given equation	26.9	37.3	30.2
51	6PR2 (L2)	Create a table of values for a given situation	61.5	73.3	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	61.5	60.6	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	34.6	40.5	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	53.9	40.5	30.3
<u>Shape and</u>	<u>Space</u> 6SS1 (L2)	Draw an angle of a given measure	46.2	65.4	65.2
56	6SS3 (L2)	Solve measurement problem involving volume	53.9	50.7	51.0
57	6SS3 (L2)	Draw a rectangle for a given area	92.3	78.1	75.3
58	6SS4 (L2)	Draw a specified triangle	30.8	67.3	68.8
59	6SS6 (L2)	Represent the result of combining transformations			
<u> </u>	, ,	Represent the result of combining transformations	61.5	61.6	63.7
60	6SS6 (L2)	Represent the result of combining transformations	61.5 65.4	61.6 60.3	
60 Mental Math					63.7
<u>Mental Math</u> 61					63.7
Mental Math	1	Represent the result of combining transformations	65.4	60.3	63.7 60.0
<u>Mental Math</u> 61	2 6N3 (L1)	Represent the result of combining transformations Solve a multiplication fact	65.4 100.0 92.3 53.9	60.3 85.9	63.7 60.0 87.4
<u>Mental Math</u> 61 62 63 64	2 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	65.4 100.0 92.3	60.3 85.9 75.6 61.0 64.3	63.7 60.0 87.4 76.7 59.7 64.6
<u>Mental Math</u> 61 62 63 64 65	2 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	65.4 100.0 92.3 53.9 61.5 73.1	60.3 85.9 75.6 61.0 64.3 38.6	63.7 60.0 87.4 76.7 59.7 64.6 39.7
Mental Math           61           62           63           64           65           66	2 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	65.4 100.0 92.3 53.9 61.5	60.3 85.9 75.6 61.0 64.3 38.6 61.5	63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
Mental Math           61           62           63           64           65           66           67	2 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	65.4 100.0 92.3 53.9 61.5 73.1 73.1 65.4	60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1	63.7 60.0 87.4 76.7 59.7 64.6 39.7
Mental Math           61           62           63           64           65           66           67           68	2 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	65.4 100.0 92.3 53.9 61.5 73.1 73.1	60.3 85.9 75.6 61.0 64.3 38.6 61.5	63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
Mental Math           61           62           63           64           65           66           67	2 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number         Estimate the quotient for division of decimals by a divisor from 1 to 9	65.4 100.0 92.3 53.9 61.5 73.1 73.1 65.4	60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1	63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 2 - Western

School #: 092 Grandy's River Collegiate, Burnt Islands Grades: K-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=13]	District [N=831]	<b>Province</b> [N=4,998]
			[]		
Number Cor	ncepts				
41	6N1 (L1)	Write a given number in written form	77.3	46.2	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	36.4	46.2	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	45.5	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	50.0	44.2	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	54.6	29.8	30.3
46	6N3 (L3)	Solve a problem involving factors	86.4	59.1	55.3
47	6N7 (L3)	Compare the value of two given integers	54.6	62.1	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	54.6	48.7	46.4
Patterns and	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	69.2	62.1	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	65.4	37.3	30.2
51	6PR2 (L2)	Create a table of values for a given situation	96.2	73.3	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	65.4	60.6	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	38.5	40.5	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	61.5	46.1	39.1
8		· · ·			1
Shape and S	Space				
55	6SS1 (L2)	Draw an angle of a given measure	91.7	65.4	65.2
56	6SS3 (L2)	Solve measurement problem involving volume	83.3	50.7	51.0
57	6SS3 (L2)	Draw a rectangle for a given area	95.8	78.1	75.3
58	6SS4 (L2)	Draw a specified triangle	83.3	67.3	68.8
59	6SS6 (L2)	Represent the result of combining transformations	83.3	61.6	63.7
60	6SS6 (L2)	Represent the result of combining transformations	83.3	60.3	60.0
<u>Mental Math</u>					
61	6N3 (L1)	Solve a multiplication fact	90.0	85.9	87.4
62	6N5 (L2)	Give an equivalent ratio for a given ratio	90.0	75.6	76.7
63	6N4 (L1)	Give a mixed number for a given improper fraction	85.0	61.0	59.7
64	6N8 (L2)	Find the product of a decimal number and a whole number	50.0	64.3	64.6
65 66	6N8 (L2)	Solve a problem for division of decimals by a divisor from 1 to 9	60.0	38.6	39.7
66	6N8 (L2)	Estimate the product of a decimal number by a whole number	80.0	61.5	64.6
67	6N8 (L2)	Estimate the quotient for division of decimals by a divisor from 1 to 9	60.0	58.1	61.3
68	6N9 (L1)	Apply the order of operations to solve a problem	80.0	34.5	33.5
69	6SS2 (L2)	Estimate the measure of a given angle	100.0	69.6	73.4
70	6SS2 (L2)	Give the measure of a missing angle in a given triangle	80.0	71.5	68.9

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 2 - Western

School #: 096 Our Lady of the Cape School, Cape St. George

Grades: K-8

Number	Outcome(s) Cognitive Level	Outcome Description	School [N=9]	District [N=831]	Provinc [N=4,998
umber Co	ncepts				
41	6N1 (L1)	Write a given number in written form	50.0	46.2	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	22.2	46.2	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	11.1	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	38.9	44.2	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	22.2	29.8	30.3
46	6N3 (L3)	Solve a problem involving factors	38.9	59.1	55.3
47	6N7 (L3)	Compare the value of two given integers	66.7	62.1	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	83.3	48.7	46.4
<del>atterns an</del> 49	<u>d Relations</u> 6PR4 (L2)	Represent an equivalent equation for a given equation	100.0	62.1	63.6
49 50	6PR4 (L2) 6PR1 (L2)	Represent an equivalent equation for a given equation Write a mathematical expression for a given situation	100.0 57.1	62.1 37.3	63.6 30.2
				1	
51	6PR2 (L2)	Create a table of values for a given situation	57.1	73.3	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	78.6	60.6	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	35.7	40.5	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	100.0	46.1	39.1
hape and s	Space				
<b>hape and</b> 55	<b>Space</b> 6SS1 (L2)	Draw an angle of a given measure	78.6	65.4	65.2
<b>hape and 5</b> 55 56	<u>Space</u> 6SS1 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume	78.6 100.0	65.4 50.7	65.2 51.0
<i>hape and 3</i> 55 56 57	<u>Space</u> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area	78.6 100.0 100.0	65.4 50.7 78.1	65.2 51.0 75.3
<u>hape and 55</u> 56 57 58	<u>Space</u> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle	78.6 100.0 100.0 100.0	65.4 50.7 78.1 67.3	65.2 51.0 75.3 68.8
hape and 5 55 56 57	<u>Space</u> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area	78.6 100.0 100.0	65.4 50.7 78.1	65.2 51.0 75.3 68.8 63.7
hape and 3 55 56 57 58 59 60 Mental Math	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	78.6 100.0 100.0 57.1 71.4	65.4 50.7 78.1 67.3 61.6 60.3	65.2 51.0 75.3 68.8 63.7 60.0
hape and 5 55 56 57 58 59 60 60	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	78.6 100.0 100.0 57.1 71.4 88.9	65.4 50.7 78.1 67.3 61.6 60.3 85.9	65.2 51.0 75.3 68.8 63.7 60.0 87.4
hape and 5 55 56 57 58 59 60 Mental Math 61 62	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1) 6N5 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio	78.6 100.0 100.0 57.1 71.4 88.9 100.0	65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
hape and 3 55 56 57 58 59 60 Mental Math 61 62 63	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1) 6N5 (L2) 6N4 (L1)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction	78.6 100.0 100.0 57.1 71.4 88.9 100.0 88.9	65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
hape and 3 55 56 57 58 59 60 ental Math 61 62 63 63 64	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)           6N3 (L1)           6N5 (L2)           6N4 (L1)           6N8 (L2)	Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	78.6 100.0 100.0 57.1 71.4 88.9 100.0 88.9 44.4	65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
hape and 3 55 56 57 58 59 60 Mental Math 61 62 63 63 64 65	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	78.6 100.0 100.0 57.1 71.4 88.9 100.0 88.9 44.4 38.9	65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
hape and 3 55 56 57 58 59 60 ental Math 61 62 63 64 65 66	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number	78.6 100.0 100.0 57.1 71.4 88.9 100.0 88.9 44.4 38.9 50.0	65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
hape and 5 55 56 57 58 59 60 ental Math 61 62 63 64 65 66 66 67	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the quotient for division of decimals by a divisor from 1 to 9	78.6 100.0 100.0 57.1 71.4 88.9 100.0 88.9 44.4 38.9 50.0 44.4	65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3
hape and 3 55 56 57 58 59 60 60 <b>ental Math</b> 61 62 63 64 65 66 66 67 68	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number Estimate the quotient for division of decimals by a divisor from 1 to 9 Apply the order of operations to solve a problem	78.6 100.0 100.0 57.1 71.4 88.9 100.0 88.9 44.4 38.9 50.0 44.4 22.2	65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1 34.5	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3 33.5
hape and 5 55 56 57 58 59 60 ental Math 61 62 63 64 65 66 66 67	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the quotient for division of decimals by a divisor from 1 to 9	78.6 100.0 100.0 57.1 71.4 88.9 100.0 88.9 44.4 38.9 50.0 44.4	65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 2 - Western

School #: 097 St. James' Elementary, Channel-Port Aux Basques

Grades: K-6

Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=43]	District [N=831]	<b>Province</b> [N=4,998]
Number Co	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form	39.3	46.2	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	31.0	46.2	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	45.2	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	38.1	44.2	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	26.2	29.8	30.3
46	6N3 (L3)	Solve a problem involving factors	52.4	59.1	55.3
47	6N7 (L3)	Compare the value of two given integers	59.5	62.1	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	47.6	48.7	46.4
<u>Patterns an</u> 49	<u>d Relations</u> 6PR4 (L2)	Represent an equivalent equation for a given equation	48.8	62.1	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	31.0	37.3	30.2
51	6PR2 (L2)	Create a table of values for a given situation	71.4	73.3	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	53.6	60.6	59.5
	,	Write a pattern rule for a given problem	44.1	40.5	36.3
	6PR3 (12)			40.0	50.5
53 54	6PR3 (L2) 6PR3 (L2)	Represent a pattern rule as a mathematical expression	39.3	46.1	39.1
53	6PR3 (L2)				<u>39.1</u> 65.2
53 54 Shape and	6PR3 (L2)	Represent a pattern rule as a mathematical expression	39.3	46.1	
53 54 <b>Shape and</b> 55	6PR3 (L2) <b>Space</b> 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	39.3 67.9	46.1	65.2
53 54 <b>Shape and</b> 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	39.3 67.9 47.6	46.1 65.4 50.7	65.2 51.0
53 54 <b>Shape and</b> 55 56 57	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	39.3 67.9 47.6 82.1	46.1 65.4 50.7 78.1	65.2 51.0 75.3
53 54 <b>Shape and</b> 55 56 57 58	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	39.3 67.9 47.6 82.1 61.9	46.1 65.4 50.7 78.1 67.3	65.2 51.0 75.3 68.8
53 54 <b>Shape and</b> 55 56 57 58 59	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	39.3 67.9 47.6 82.1 61.9 71.4	46.1 65.4 50.7 78.1 67.3 61.6	65.2 51.0 75.3 68.8 63.7
53 54 <b>Shape and</b> 55 56 57 58 59 60 <b>Mental Math</b>	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	39.3 67.9 47.6 82.1 61.9 71.4	46.1 65.4 50.7 78.1 67.3 61.6	65.2 51.0 75.3 68.8 63.7
53 54 Shape and 55 56 57 58 59 60 Mental Math	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	39.3 67.9 47.6 82.1 61.9 71.4 66.7	46.1 65.4 50.7 78.1 67.3 61.6 60.3	65.2 51.0 75.3 68.8 63.7 60.0
53 54 <b>Shape and</b> 55 56 57 58 59 60 <b>Mental Math</b>	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	39.3 67.9 47.6 82.1 61.9 71.4 66.7 79.1	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9	65.2 51.0 75.3 68.8 63.7 60.0 87.4
53 54 Shape and 55 56 57 58 59 60 <u>Mental Math</u> 61 62 63 63 64	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	39.3 67.9 47.6 82.1 61.9 71.4 66.7 79.1 65.1	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
53 54 <b>Shape and</b> 55 56 57 58 59 60 <b>Mental Matl</b> 61 62 63	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	39.3 67.9 47.6 82.1 61.9 71.4 66.7 79.1 65.1 65.1	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
53 54 Shape and 55 56 57 58 59 60 <u>Mental Math</u> 61 62 63 63 64	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	39.3 67.9 47.6 82.1 61.9 71.4 66.7 79.1 65.1 65.1 57.0	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
53 54 <b>Shape and</b> 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	39.3 67.9 47.6 82.1 61.9 71.4 66.7 79.1 65.1 65.1 57.0 30.2	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
53         54         Shape and         55         56         57         58         59         60         Mental Math         61         62         63         64         65         66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	39.3 67.9 47.6 82.1 61.9 71.4 66.7 79.1 65.1 65.1 65.1 57.0 30.2 61.6	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
53 54 <b>Shape and</b> 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	39.3 67.9 47.6 82.1 61.9 71.4 66.7 79.1 65.1 65.1 65.1 57.0 30.2 61.6 64.0	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 2 - Western

School #: 103 LeGallais Memorial, Isle aux Morts Grades: K-9

Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=8]	District [N=831]	Province [N=4,998]
<u>Number Co</u>	<u>ncepts</u>				
			<u> </u>	10.0	20.0
41	6N1 (L1)	Write a given number in written form	28.6	46.2	36.2
42	6N1 (L2) 6N5 (L3)	Write numbers located betweeen two givien numbers Demonstrate an understanding of equivalent ratios	42.9	46.2 37.3	43.9
43	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	35.7 28.6	44.2	37.5 46.3
44	6N4 (L2)	Place mixed numbers and improper fractions on a number line	28.6	29.8	30.3
46	6N3 (L3)	Solve a problem involving factors	64.3	59.1	55.3
40	6N7 (L3)	Compare the value of two given integers	71.4	62.1	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	28.6	48.7	46.4
<u>Patterns an</u>	d Relations				
			00 F	20.4	20.0
49	6PR4 (L2)	Represent an equivalent equation for a given equation	62.5	62.1	63.6
50 51	6PR1 (L2)	Write a mathematical expression for a given situation	18.8	37.3	30.2
51	6PR2 (L2) 6PR2, 6SP1 (L2)	Create a table of values for a given situation Graph a table of values using a linear graph	56.3	73.3	70.4
	,		75.0	60.6	59.5
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	50.0 62.5	40.5	36.3 39.1
<u>Shape and S</u> 55	<u>Space</u> 6SS1 (L2)	Draw an angle of a given measure	68.8	65.4	65.2
		Draw an angle of a given measure Solve measurement problem involving volume	68.8 50.0	65.4 50.7	65.2 51.0
55	6SS1 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area			-
55 56	6SS1 (L2) 6SS3 (L2)	Solve measurement problem involving volume	50.0	50.7	51.0
55 56 57	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area	50.0 100.0	50.7 78.1	51.0 75.3
55 56 57 58	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle	50.0 100.0 75.0	50.7 78.1 67.3	51.0 75.3 68.8
55 56 57 58 59	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	50.0 100.0 75.0 50.0	50.7 78.1 67.3 61.6	51.0 75.3 68.8 63.7
55 56 57 58 59 60	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	50.0 100.0 75.0 50.0	50.7 78.1 67.3 61.6	51.0 75.3 68.8 63.7
55 56 57 58 59 60 <i>Mental Math</i>	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	50.0 100.0 75.0 50.0 43.8	50.7 78.1 67.3 61.6 60.3	51.0 75.3 68.8 63.7 60.0
55 56 57 58 59 60 <u>Mental Math</u>	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	50.0 100.0 75.0 50.0 43.8 75.0	50.7 78.1 67.3 61.6 60.3 85.9	51.0 75.3 68.8 63.7 60.0 87.4
55 56 57 58 59 60 <u>Mental Math</u> 61 62	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio	50.0 100.0 75.0 43.8 75.0 50.0	50.7 78.1 67.3 61.6 60.3 85.9 75.6	51.0 75.3 68.8 63.7 60.0 87.4 76.7
55 56 57 58 59 60 <u>Mental Math</u> 61 62 63	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1) 6N5 (L2) 6N4 (L1)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction	50.0 100.0 75.0 50.0 43.8 75.0 50.0 37.5	50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
55 56 57 58 59 60 <u>Mental Math</u> 61 62 63 63 64	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	50.0 100.0 75.0 50.0 43.8 75.0 50.0 37.5 75.0	50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
55 56 57 58 59 60 <u>Mental Math</u> 61 62 63 63 64 65	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	50.0 100.0 75.0 50.0 43.8 75.0 50.0 37.5 75.0 62.5	50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
55 56 57 58 59 60 <u>Mental Math</u> 61 62 63 63 64 65 66	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	50.0 100.0 75.0 50.0 43.8 75.0 50.0 37.5 75.0 62.5 68.8	50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
55 56 57 58 59 60 <u>Mental Math</u> 61 62 63 63 64 65 66 66 67	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	50.0 100.0 75.0 50.0 43.8 75.0 50.0 37.5 75.0 62.5 68.8 50.0	50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

District 2 - Western

# School #: 106 Lourdes Elementary, Lourdes Grades: K-8

Number	Outcome(s) Cognitive Level	Outcome Description	School [N=12]	District [N=831]	Province [N=4,998]
<u>Number Co</u>	ncepts				
41	6N1 (L1)	Write a given number in written form	81.8	46.2	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	40.9	46.2	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	40.9	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	9.1	44.2	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	18.2	29.8	30.3
46	6N3 (L3)	Solve a problem involving factors	77.3	59.1	55.3
47	6N7 (L3)	Compare the value of two given integers	45.5	62.1	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	45.5	48.7	46.4
<i>Patterns an</i> 49	<u>d Relations</u> 6PR4 (L2)	Represent an equivalent equation for a given equation	100.0	62.1	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	25.0	37.3	30.2
51	6PR2 (L2)	Create a table of values for a given situation	20.8	73.3	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	41.7	60.6	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	41.7	40.5	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	33.3	46.1	39.1
Shape and	Space				
55	6SS1 (L2)	Draw an angle of a given measure	75.0	65.4	65.2
56	6SS3 (L2)	Solve measurement problem involving volume	58.3	50.7	51.0
56 57	6SS3 (L2) 6SS3 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area	58.3 91.7	50.7 78.1	51.0 75.3
56 57 58	6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle	58.3 91.7 41.7	50.7 78.1 67.3	51.0 75.3 68.8
56 57	6SS3 (L2) 6SS3 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area	58.3 91.7	50.7 78.1	51.0 75.3
56 57 58 59	6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	58.3 91.7 41.7 33.3	50.7 78.1 67.3 61.6	51.0 75.3 68.8 63.7
56 57 58 59 60 <u>Mental Mat</u> l	6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	58.3 91.7 41.7 33.3	50.7 78.1 67.3 61.6	51.0 75.3 68.8 63.7
56 57 58 59 60 <u>Mental Matl</u>	6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	58.3 91.7 41.7 33.3 54.2	50.7 78.1 67.3 61.6 60.3	51.0 75.3 68.8 63.7 60.0
56 57 58 59 60 <u>Mental Matt</u>	6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	58.3 91.7 41.7 33.3 54.2 70.8	50.7 78.1 67.3 61.6 60.3 85.9	51.0 75.3 68.8 63.7 60.0 87.4
56 57 58 60 <b>Mental Matl</b> 61 62 63 63 64	6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio	58.3 91.7 41.7 33.3 54.2 70.8 75.0	50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3	51.0 75.3 68.8 63.7 60.0 87.4 76.7
56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64 65	6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	58.3 91.7 41.7 33.3 54.2 70.8 75.0 50.0	50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64	6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	58.3 91.7 41.7 33.3 54.2 70.8 75.0 50.0 50.0	50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64 65	6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	58.3 91.7 41.7 33.3 54.2 70.8 75.0 50.0 50.0 25.0	50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
56 57 58 60 <u>Mental Mat</u> 61 62 63 64 65 66	6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	58.3 91.7 41.7 33.3 54.2 70.8 75.0 50.0 50.0 25.0 41.7	50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
56 57 58 59 60 <u>Mental Matl</u> 61 62 63 63 64 65 66 66 67	6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	58.3 91.7 41.7 33.3 54.2 70.8 75.0 50.0 50.0 25.0 41.7 58.3	50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 2 - Western

School #: 111 St. Thomas Aquinas, Port au Port East

Item Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=15]	District [N=831]	Provinc [N=4,998
umber Cor	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form	53.3	46.2	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	46.7	46.2	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	40.0	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	36.7	44.2	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	23.3	29.8	30.3
46	6N3 (L3)	Solve a problem involving factors	56.7	59.1	55.3
47		Compare the value of two given integers	50.0	62.1	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	50.0	48.7	46.4
atterns and	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	70.0	62.1	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	20.0	37.3	30.2
51	6PR2 (L2)	Create a table of values for a given situation	73.3	73.3	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	43.3	60.6	59.5
02			40.7	40.5	36.3
	6PR3 (L2)	Write a pattern rule for a given problem	46.7	40.0	
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	46.7 50.0	46.1	39.1
53 54 hape and \$	6PR3 (L2)	Represent a pattern rule as a mathematical expression	50.0	46.1	39.1
53 54	6PR3 (L2)	· · · · · · · · · · · · · · · · · · ·			<u>39.1</u> 65.2
53 54 hape and \$	6PR3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	50.0 93.3	46.1	39.1 65.2 51.0
53 54 hape and \$ 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	50.0 93.3 40.0	46.1 65.4 50.7	39.1 65.2 51.0 75.3
53 54 hape and \$ 55 56 57	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	50.0 93.3 40.0 86.7	46.1 65.4 50.7 78.1	39.1 65.2 51.0 75.3 68.8
53 54 hape and \$ 55 56 57 58	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	93.3 40.0 86.7 80.0	46.1 65.4 50.7 78.1 67.3	39.1 65.2 51.0 75.3 68.8 63.7
53 54 hape and \$ 55 56 57 58 59	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	50.0 93.3 40.0 86.7 80.0 66.7	46.1 65.4 50.7 78.1 67.3 61.6	39.1 65.2 51.0 75.3 68.8 63.7
53 54 hape and \$ 55 56 57 58 59 60 lental Math 61	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	50.0 93.3 40.0 86.7 80.0 66.7	46.1 65.4 50.7 78.1 67.3 61.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
53 54 hape and \$ 55 56 57 58 59 60 ental Math	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	93.3 40.0 86.7 80.0 66.7 63.3	46.1 65.4 50.7 78.1 67.3 61.6 60.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
53 54 hape and \$ 55 56 57 58 59 60 lental Math 61	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	93.3 93.3 40.0 86.7 80.0 66.7 63.3 93.3	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
53 54 hape and \$ 55 56 57 58 59 60 lental Math 61 62	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	50.0 93.3 40.0 86.7 80.0 66.7 63.3 93.3 80.0	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
53 54 hape and \$ 55 56 57 58 59 60 hental Math 61 62 63	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	93.3 40.0 86.7 80.0 66.7 63.3 93.3 80.0 53.3	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
53 54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63 63 64	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	50.0 93.3 40.0 86.7 80.0 66.7 63.3 93.3 80.0 53.3 80.0	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
53 54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63 63 64 65	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	50.0 93.3 40.0 86.7 80.0 66.7 63.3 93.3 80.0 53.3 80.0 60.0	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
53 54 hape and \$ 55 56 57 58 59 60 lental Math 61 62 63 64 65 66	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	50.0 93.3 40.0 86.7 80.0 66.7 63.3 93.3 80.0 53.3 80.0 53.3 80.0 60.0 33.3	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 39.7 64.6 61.3
53 54 hape and \$ 55 56 57 58 59 60 hental Math 61 62 63 64 65 66 66 67	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	50.0 93.3 40.0 86.7 80.0 66.7 63.3 93.3 80.0 53.3 80.0 53.3 80.0 60.0 33.3 30.0	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1	-

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 2 - Western

School #: 113 St. Boniface All Grade, Ramea

ltem lumber	Outcome(s) Cognitive Level	Outcome Description	School [N=5]	District [N=831]	<b>Provinc</b> [N=4,998
umber Col	ncepts				
41	6N1 (L1)	Write a given number in written form	O shared state	46.2	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	School data with 5 or	46.2	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	fewer	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	students	44.2	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	withheld for	29.8	30.3
46	6N3 (L3)	Solve a problem involving factors	reasons of	59.1	55.3
47	6N7 (L3)	Compare the value of two given integers	confidentiality 62	62.1	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers		48.7	46.4
atterns an	<u>d Relations</u>				
49	6PR4 (L2)	Represent an equivalent equation for a given equation		62.1	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation		37.3	30.2
51	6PR2 (L2)	Create a table of values for a given situation		73.3	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph		60.6	59.5
				40.5	20.0
53	6PR3 (L2)	Write a pattern rule for a given problem		40.5	30.3
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	-	40.5 46.1	36.3 39.1
	6PR3 (L2)				
54 hape and s	6PR3 (L2) Space	Represent a pattern rule as a mathematical expression		46.1	39.1
54 mape and \$ 55	6PR3 (L2) <b>Space</b> 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure		46.1 65.4	39.1 65.2
54 hape and s 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume		46.1 65.4 50.7	39.1 65.2 51.0
54 hape and 5 55 56 57	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area		46.1 65.4 50.7 78.1	39.1 65.2 51.0 75.3 68.8
54 hape and 5 55 56 57 58	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle		46.1 65.4 50.7 78.1 67.3	39.1 65.2 51.0 75.3
54 hape and 5 55 56 57 58 59	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations		46.1 65.4 50.7 78.1 67.3 61.6	39.1           65.2           51.0           75.3           68.8           63.7
54 hape and 5 55 56 57 58 59	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations		46.1 65.4 50.7 78.1 67.3 61.6	39.1           65.2           51.0           75.3           68.8           63.7
54 hape and \$ 55 56 57 58 59 60	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations		46.1 65.4 50.7 78.1 67.3 61.6	39.1           65.2           51.0           75.3           68.8           63.7
54 55 56 57 58 59 60 ental Math	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations		46.1 65.4 50.7 78.1 67.3 61.6 60.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4
54 hape and \$ 55 56 57 58 59 60 ental Math 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact		46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9	39.1           65.2           51.0           75.3           68.8           63.7           60.0
54 hape and 5 55 56 57 58 59 60 ental Math 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio		46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7
54 hape and 5 55 56 57 58 59 60 ental Math 61 62 63	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction		46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7
54 hape and 3 55 56 57 58 59 60 ental Math 61 62 63 64	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number		46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6
54 hape and 5 55 56 57 58 59 60 ental Math 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number		46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6
54 hape and S 55 56 57 58 59 60 ental Math 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9		46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6           61.3
54 hape and 3 55 56 57 58 59 60 ental Math 61 62 63 64 65 66 67 68	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6NS (L2) 6N4 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9         Apply the order of operations to solve a problem		46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1 34.5	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6           33.5
54 hape and S 55 56 57 58 59 60 ental Math 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9		46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6           61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 2 - Western

School #: 115 Our Lady of Mercy Elementary, St. George's

Grades: K-8

ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=15]	District [N=831]	<b>Provinc</b> [N=4,998
und an Oa					
umber Cor	<u>icepts</u>				
41	6N1 (L1)	Write a given number in written form	30.0	46.2	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	70.0	46.2	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	50.0	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	56.7	44.2	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	33.3	29.8	30.3
46	6N3 (L3)	Solve a problem involving factors	56.7	59.1	55.3
47		Compare the value of two given integers	86.7	62.1	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	40.0	48.7	46.4
atterns and	<u>d Relations</u> 6PR4 (L2)	Represent an equivalent equation for a given equation	80.0	62.1	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	46.7	37.3	30.2
51	6PR2 (L2)	Create a table of values for a given situation	76.7	73.3	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	90.0	60.6	59.5
			50.0	40.5	36.3
53	6PR3 (L2)	while a pallern rule for a given proplem			
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	60.0	46.1	39.1
	6PR3 (L2)				
54 hape and S	6PR3 (L2)	Represent a pattern rule as a mathematical expression	60.0	46.1	<u>39.1</u> 65.2
54 hape and \$ 55	6PR3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	60.0 86.7	46.1	39.1 65.2 51.0
54 hape and \$ 55 56 57 58	6PR3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	60.0 86.7 66.7	46.1 65.4 50.7	39.1 65.2 51.0 75.3
54 hape and \$ 55 56 57	6PR3 (L2) 6PR3 (L2) 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	60.0 86.7 66.7 93.3	46.1 65.4 50.7 78.1	39.1 65.2 51.0 75.3 68.8
54 hape and \$ 55 56 57 58	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	60.0 86.7 66.7 93.3 93.3	46.1 65.4 50.7 78.1 67.3	39.1 65.2 51.0 75.3 68.8 63.7
54 hape and \$ 55 56 57 58 59	6PR3 (L2) 6PR3 (L2) 6SS3 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	60.0 86.7 66.7 93.3 93.3 66.7	46.1 65.4 50.7 78.1 67.3 61.6	39.1 65.2 51.0 75.3 68.8 63.7
54 hape and \$ 55 56 57 58 59 60 fental Math 61	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	60.0 86.7 66.7 93.3 93.3 66.7 60.0	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 hape and \$ 55 56 57 58 59 60 ental Math	6PR3 (L2) 6PR3 (L2) 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	60.0 86.7 66.7 93.3 93.3 66.7 60.0 100.0 93.3	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54 hape and \$ 55 56 57 58 59 60 dental Math 61 62 63	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	60.0 86.7 93.3 93.3 66.7 60.0 100.0 93.3 80.0	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7
54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63 64	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	60.0 86.7 66.7 93.3 93.3 66.7 60.0 100.0 93.3	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
54 hape and \$ 55 56 57 58 59 60 lental Math 61 62 63 64 65	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	60.0 86.7 93.3 93.3 66.7 60.0 100.0 93.3 80.0 93.3 70.0	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63 64	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	60.0 86.7 93.3 93.3 66.7 60.0 100.0 93.3 80.0 93.3 70.0 73.3	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63 64 65 66 67	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	60.0 86.7 93.3 93.3 66.7 60.0 100.0 93.3 80.0 93.3 70.0	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6	39.1
54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63 64 65 66	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	60.0 86.7 93.3 93.3 66.7 60.0 100.0 93.3 80.0 93.3 70.0 73.3	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6
54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63 64 65 66 67	6PR3 (L2) 6PR3 (L2) 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	60.0 86.7 93.3 93.3 66.7 60.0 100.0 93.3 80.0 93.3 80.0 93.3 70.0 73.3 73.3	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6           61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 2 - Western

School #: 123 St. Michael's Elementary, Stephenville Crossing

Grades: K-8

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=20]	District [N=831]	<b>Province</b> [N=4,998]
Number Co	ncepts				
41	6N1 (L1)	Write a given number in written form	60.0	46.2	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	32.5	46.2	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	45.0	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	35.0	44.2	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	27.5	29.8	30.3
46	6N3 (L3)	Solve a problem involving factors	52.5	59.1	55.3
47	6N7 (L3)	Compare the value of two given integers	55.0	62.1	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	55.0	48.7	46.4
Patterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	52.6	62.1	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	52.6	37.3	30.2
51	6PR2 (L2)	Create a table of values for a given situation	68.4	73.3	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	65.8	60.6	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	29.0	40.5	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	57.9	46.1	39.1
Shape and	<u>Space</u> 6SS1 (L2)	Draw an angle of a given measure	66.7	65.4	65.2
56	6SS3 (L2)	Solve measurement problem involving volume	22.2	50.7	51.0
57	6SS3 (L2)	Draw a rectangle for a given area	69.4	78.1	75.3
58	6SS4 (L2)	Draw a specified triangle	30.6	67.3	68.8
59	6SS6 (L2)	Represent the result of combining transformations	63.9	61.6	63.7
60	6SS6 (L2)	Represent the result of combining transformations	80.6	60.3	60.0
<u>Mental Matl</u>	-				
61	6N3 (L1)	Solve a multiplication fact	88.2	85.9	87.4
61 62	6N3 (L1) 6N5 (L2)	Give an equivalent ratio for a given ratio	82.4	75.6	76.7
61 62 63	6N3 (L1) 6N5 (L2) 6N4 (L1)	Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction	82.4 88.2	75.6 61.0	76.7 59.7
61 62 63 64	6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number	82.4 88.2 58.8	75.6 61.0 64.3	76.7 59.7 64.6
61 62 63 64 65	6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Give an equivalent ratio for a given ratioGive a mixed number for a given improper fractionFind the product of a decimal number and a whole numberSolve a problem for division of decimals by a divisor from 1 to 9	82.4 88.2 58.8 23.5	75.6 61.0 64.3 38.6	76.7 59.7 64.6 39.7
61 62 63 64 65 66	6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Give an equivalent ratio for a given ratioGive a mixed number for a given improper fractionFind the product of a decimal number and a whole numberSolve a problem for division of decimals by a divisor from 1 to 9Estimate the product of a decimal number by a whole number	82.4 88.2 58.8 23.5 41.2	75.6 61.0 64.3 38.6 61.5	76.7 59.7 64.6 39.7 64.6
61 62 63 64 65 66 67	6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Give an equivalent ratio for a given ratioGive a mixed number for a given improper fractionFind the product of a decimal number and a whole numberSolve a problem for division of decimals by a divisor from 1 to 9Estimate the product of a decimal number by a whole numberEstimate the quotient for division of decimals by a divisor from 1 to 9	82.4 88.2 58.8 23.5 41.2 29.4	75.6 61.0 64.3 38.6 61.5 58.1	76.7 59.7 64.6 39.7 64.6 61.3
61 62 63 64 65 66 66 67 68	6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Give an equivalent ratio for a given ratioGive a mixed number for a given improper fractionFind the product of a decimal number and a whole numberSolve a problem for division of decimals by a divisor from 1 to 9Estimate the product of a decimal number by a whole numberEstimate the quotient for division of decimals by a divisor from 1 to 9Apply the order of operations to solve a problem	82.4 88.2 58.8 23.5 41.2 29.4 52.9	75.6 61.0 64.3 38.6 61.5 58.1 34.5	76.7 59.7 64.6 39.7 64.6 61.3 33.5
61 62 63 64 65 66 67	6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Give an equivalent ratio for a given ratioGive a mixed number for a given improper fractionFind the product of a decimal number and a whole numberSolve a problem for division of decimals by a divisor from 1 to 9Estimate the product of a decimal number by a whole numberEstimate the quotient for division of decimals by a divisor from 1 to 9	82.4 88.2 58.8 23.5 41.2 29.4	75.6 61.0 64.3 38.6 61.5 58.1	76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 2 - Western

School #: 137 St. Simon and St. Jude Academy, Francois Grades: K,3,5-10,12

Number	Outcome(s) Cognitive Level	Outcome Description	School [N=3]	District [N=831]	<b>Province</b> [N=4,998]
Normali an Ca					
<u>Number Co</u>	ncepts				
41	6N1 (L1)	Write a given number in written form		46.2	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	School data with 5 or	46.2	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	fewer	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	students	44.2	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	withheld for	29.8	30.3
46	6N3 (L3)	Solve a problem involving factors	reasons of	59.1	55.3
47	6N7 (L3)	Compare the value of two given integers	confidentiality	62.1	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers		48.7	46.4
Patterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation		62.1	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation		37.3	30.2
51	6PR2 (L2)	Create a table of values for a given situation		73.3	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph		60.6	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem		40.5	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression		46.1	39.1
Shape and	<u>Space</u>				
55	6SS1 (L2)	Draw an angle of a given measure		65.4	65.2
55 56	6SS1 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume	-	65.4	65.2 51.0
55 56 57	6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area		65.4 50.7 78.1	65.2 51.0 75.3
56	6SS3 (L2)	Solve measurement problem involving volume		50.7	51.0
56 57	6SS3 (L2) 6SS3 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area		50.7 78.1	51.0 75.3
56 57 58	6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle		50.7 78.1 67.3	51.0 75.3 68.8
56 57 58 59	6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations		50.7 78.1 67.3 61.6	51.0 75.3 68.8 63.7
56 57 58 59 60 <u>Mental Mat</u>	6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations		50.7 78.1 67.3 61.6 60.3 85.9	51.0 75.3 68.8 63.7 60.0 87.4
56 57 58 59 60 <u>Mental Matt</u> 61 62	6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio		50.7 78.1 67.3 61.6 60.3	51.0 75.3 68.8 63.7 60.0
56 57 58 59 60 <u>Mental Mat</u> 61 62 63	6SS3 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction		50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
56 57 58 59 60 <u>Mental Mat</u> 61 62 63 63 64	6SS3 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number		50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
56 57 58 59 60 <u>Mental Mati</u> 61 62 63 63 64 65	6SS3 (L2) 6SS3 (L2) 6SS3 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9		50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
56 57 58 59 60 <u>Mental Matt</u> 61 62 63 63 64 65 66	6SS3 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number		50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
56 57 58 59 60 <u>Mental Mati</u> 61 62 63 63 64 65	6SS3 (L2) 6SS3 (L2) 6SS3 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9		50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
56 57 58 59 60 <u>Mental Mat</u> 61 62 63 63 64 65 66	6SS3 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number		50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
56 57 58 59 60 <u>Mental Mati</u> 61 62 63 64 65 66 66 67	6SS3 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9		50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

District 2 - Western

School #: 388 Long Range Academy, Cow Head

Grades: K-12

ltem lumber	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=11]	District [N=831]	<b>Provinc</b> [N=4,998]
umber Col	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form	45.5	46.2	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	81.8	46.2	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	27.3	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	72.7	44.2	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	9.1	29.8	30.3
46	6N3 (L3)	Solve a problem involving factors	40.9	59.1	55.3
47	6N7 (L3)	Compare the value of two given integers	50.0	62.1	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	36.4	48.7	46.4
atterns an 49	<u>d Relations</u> 6PR4 (L2)	Represent an equivalent equation for a given equation	45.5	62.1	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	31.8	37.3	30.2
51	6PR2 (L2)	Create a table of values for a given situation	68.2	73.3	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	63.6	60.6	59.5
52					
	6PR3 (L2)	Write a pattern rule for a given problem	45.5	40.5	36.3
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	45.5 27.3	40.5 46.1	36.3 39.1
53	6PR3 (L2)				
53 54 hape and \$ 55 56	6PR3 (L2)	Represent a pattern rule as a mathematical expression	27.3	46.1	39.1
53 54 hape and \$	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	27.3 90.9	46.1 65.4	<u>39.1</u> 65.2
53 54 hape and \$ 55 56 57 58	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	27.3 90.9 77.3	46.1 65.4 50.7	39.1 65.2 51.0
53 54 hape and \$ 55 56 57	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	27.3 90.9 77.3 63.6	46.1 65.4 50.7 78.1	39.1 65.2 51.0 75.3
53 54 hape and \$ 55 56 57 58	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	27.3 90.9 77.3 63.6 95.5	46.1 65.4 50.7 78.1 67.3	39.1 65.2 51.0 75.3 68.8
53 54 hape and \$ 55 56 57 58 59	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	27.3 90.9 77.3 63.6 95.5 68.2	46.1 65.4 50.7 78.1 67.3 61.6	39.1 65.2 51.0 75.3 68.8 63.7
53 54 hape and \$ 55 56 57 58 59 60	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	27.3 90.9 77.3 63.6 95.5 68.2	46.1 65.4 50.7 78.1 67.3 61.6	39.1 65.2 51.0 75.3 68.8 63.7
53 54 hape and \$ 55 56 57 58 59 60 ental Math	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	27.3 90.9 77.3 63.6 95.5 68.2 54.6	46.1 65.4 50.7 78.1 67.3 61.6 60.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0
53 54 hape and \$ 55 56 57 58 59 60 ental Math 61	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	27.3 90.9 77.3 63.6 95.5 68.2 54.6	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
53 54 hape and \$ 55 56 57 58 59 60 ental Math 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	27.3 90.9 77.3 63.6 95.5 68.2 54.6 100.0 81.8	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 87.4 76.7
53 54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	27.3 90.9 77.3 63.6 95.5 68.2 54.6 100.0 81.8 72.7	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7
53 54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63 64	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	27.3 90.9 77.3 63.6 95.5 68.2 54.6 100.0 81.8 72.7 59.1	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6
53 54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63 63 64 65	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	27.3 90.9 77.3 63.6 95.5 68.2 54.6 100.0 81.8 72.7 59.1 9.1	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7
53 54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63 64 65 66	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	27.3 90.9 77.3 63.6 95.5 68.2 54.6 100.0 81.8 72.7 59.1 9.1 54.6	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6
53 54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63 64 65 66 66 67	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	27.3 90.9 77.3 63.6 95.5 68.2 54.6 100.0 81.8 72.7 59.1 9.1 54.6 50.0	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6           61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

District 2 - Western

## School #: 391 Xavier Junior High, Deer Lake

Grades: 6-9

ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=50]	District [N=831]	<b>Provinc</b> [N=4,998
lumber Col	ncepts				
41	6N1 (L1)	Write a given number in written form	61.0	46.2	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	71.0	46.2	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	37.0	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	49.0	44.2	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	27.0	29.8	30.3
46	6N3 (L3)	Solve a problem involving factors	58.0	59.1	55.3
47	6N7 (L3)	Compare the value of two given integers	67.0	62.1	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	58.0	48.7	46.4
49	<u>d Relations</u> 6PR4 (L2)	Represent an equivalent equation for a given equation	52.1	62.1	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	41.7	37.3	30.2
51	6PR2 (L2)	Create a table of values for a given situation	61.5	73.3	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	50.0	60.6	59.5
			44 7	40 E	26.2
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	41.7 40.6	40.5	36.3 39.1
54 hape and S	6PR3 (L2) Space	Represent a pattern rule as a mathematical expression	40.6	46.1	39.1
54 hape and \$ 55	6PR3 (L2) <b>Space</b> 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	40.6	46.1 65.4	39.1 65.2
54 hape and 5 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	40.6 74.0 52.1	46.1 65.4 50.7	39.1 65.2 51.0
54 hape and 5 55 56 57	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	40.6 74.0 52.1 84.4	46.1 65.4 50.7 78.1	65.2 51.0 75.3
54 hape and 5 55 56 57 58	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	40.6 74.0 52.1 84.4 74.0	46.1 65.4 50.7 78.1 67.3	39.1 65.2 51.0 75.3 68.8
54 hape and 5 55 56 57	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	40.6 74.0 52.1 84.4	46.1 65.4 50.7 78.1	39.1 65.2 51.0 75.3
54 <i>hape and s</i> 55 56 57 58 59 60 <i>Mental Math</i>	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	40.6 74.0 52.1 84.4 74.0 61.5 54.2	46.1 65.4 50.7 78.1 67.3 61.6 60.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0
54 hape and \$ 55 56 57 58 59 60 lental Math 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	40.6 74.0 52.1 84.4 74.0 61.5 54.2 84.0	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4
54 hape and 5 55 56 57 58 59 60 Mental Math 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	40.6 74.0 52.1 84.4 74.0 61.5 54.2 84.0 60.0	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7
54 hape and 5 55 56 57 58 59 60 Mental Math 61 62 63	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	40.6 74.0 52.1 84.4 74.0 61.5 54.2 84.0 60.0 51.0	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7
54 hape and 3 55 56 57 58 59 60 Mental Math 61 62 63 64	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	40.6 74.0 52.1 84.4 74.0 61.5 54.2 84.0 60.0 51.0 46.0	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6
54 <i>hape and S</i> 55 56 57 58 59 60 <i>Mental Math</i> 61 62 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	40.6 74.0 52.1 84.4 74.0 61.5 54.2 84.0 60.0 51.0 46.0 20.0	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7
54 hape and 3 55 56 57 58 59 60 hental Math 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	40.6 74.0 52.1 84.4 74.0 61.5 54.2 84.0 60.0 51.0 46.0 20.0 67.0	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6
54 hape and S 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	40.6 74.0 52.1 84.4 74.0 61.5 54.2 84.0 60.0 51.0 46.0 20.0 67.0 49.0	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6           61.3
54 <i>hape and</i> 5 55 56 57 58 59 60 <i>fental Math</i> 61 62 63 64 65 66 67 68	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9         Apply the order of operations to solve a problem	40.6 74.0 52.1 84.4 74.0 61.5 54.2 84.0 60.0 51.0 46.0 20.0 67.0 49.0 34.0	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1 34.5	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6           31.3           33.5
54 hape and S 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	40.6 74.0 52.1 84.4 74.0 61.5 54.2 84.0 60.0 51.0 46.0 20.0 67.0 49.0	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6           61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

District 2 - Western

School #: 393 Bonne Bay Academy, Woody Point Grades: K-12

Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=6]	District [N=831]	<b>Province</b> [N=4,998]
<u>Number Co</u>	ncents				
<u>Interniser</u> Oo	nocpto				
41	6N1 (L1)	Write a given number in written form	41.7	46.2	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	50.0	46.2	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	16.7	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	41.7	44.2	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	33.3	29.8	30.3
46	6N3 (L3)	Solve a problem involving factors	83.3	59.1	55.3
47	6N7 (L3)	Compare the value of two given integers	50.0	62.1	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	66.7	48.7	46.4
Patterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	33.3	62.1	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	66.7	37.3	30.2
51	6PR2 (L2)	Create a table of values for a given situation	75.0	73.3	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	50.0	60.6	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	41.7	40.5	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	50.0	46.1	39.1
<u>.</u>					
<u>Shape and </u> 55	<u>Space</u> 6SS1 (L2)	Draw an angle of a given measure	66.7	65.4	65.2
		Draw an angle of a given measure Solve measurement problem involving volume	66.7 58.3	65.4 50.7	65.2 51.0
55	6SS1 (L2)				_
55 56	6SS1 (L2) 6SS3 (L2)	Solve measurement problem involving volume	58.3	50.7	51.0
55 56 57	6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area	58.3 100.0	50.7 78.1	51.0 75.3
55 56 57 58	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle	58.3 100.0 100.0	50.7 78.1 67.3	51.0 75.3 68.8
55 56 57 58 59	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	58.3 100.0 100.0 33.3	50.7 78.1 67.3 61.6	51.0 75.3 68.8 63.7
55 56 57 58 59 60	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	58.3 100.0 100.0 33.3	50.7 78.1 67.3 61.6	51.0 75.3 68.8 63.7
55 56 57 58 59 60 <u>Mental Mat</u> l	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	58.3         100.0         100.0         33.3         50.0	50.7 78.1 67.3 61.6 60.3	51.0 75.3 68.8 63.7 60.0
55 56 57 58 59 60 <u>Mental Matl</u>	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	58.3 100.0 100.0 33.3 50.0 83.3	50.7 78.1 67.3 61.6 60.3 85.9	51.0 75.3 68.8 63.7 60.0 87.4
55 56 57 58 59 60 <u>Mental Math</u> 61 62	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	58.3 100.0 33.3 50.0 83.3 83.3	50.7 78.1 67.3 61.6 60.3 85.9 75.6	51.0 75.3 68.8 63.7 60.0 87.4 76.7
55 56 57 58 59 60 <u>Mental Matl</u> 61 62 63	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction	58.3 100.0 33.3 50.0 83.3 83.3 50.0	50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
55 56 57 58 59 60 <u>Mental Mat</u> l 61 61 62 63 63 64	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	58.3 100.0 33.3 50.0 83.3 83.3 83.3 50.0 50.0	50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
55 56 57 58 59 60 <b>Mental Matt</b> 61 62 63 63 64 65	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	58.3 100.0 33.3 50.0 83.3 83.3 83.3 50.0 50.0 50.0	50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
55 56 57 58 59 60 <u>Mental Math</u> 61 62 63 63 64 65 66	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	58.3 100.0 33.3 50.0 83.3 83.3 83.3 50.0 50.0 50.0 50.0 58.3	50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
55 56 57 58 59 60 <b>Mental Matl</b> 61 62 63 63 64 65 66 66 67	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	58.3 100.0 33.3 50.0 83.3 83.3 83.3 50.0 50.0 50.0 50.0 58.3 33.3	50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

District 2 - Western

School #: 394 E.A. Butler All Grade, McKay's Grades: K-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=5]	District [N=831]	<b>Province</b> [N=4,998]
Number Col	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form		46.2	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	School data with 5 or	46.2	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	fewer	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	students	44.2	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	withheld for	29.8	30.3
46	6N3 (L3)	Solve a problem involving factors	reasons of	59.1	55.3
47	6N7 (L3)	Compare the value of two given integers	confidentiality	62.1	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers		48.7	46.4
<u>Patterns an</u>	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation		62.1	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation		37.3	30.2
51	6PR2 (L2)	Create a table of values for a given situation		73.3	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph		60.6	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	-	40.5	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	-	40.3	39.1
Shape and S	Space				
55	6SS1 (L2)	Draw an angle of a given measure		65.4	65.2
56	6SS3 (L2)	Solve measurement problem involving volume	_	50.7	51.0
57	6SS3 (L2)	Draw a rectangle for a given area	_	78.1	75.3
58	6SS4 (L2)	Draw a specified triangle	-	67.3	68.8
59	6SS6 (L2)	Represent the result of combining transformations	_	61.6	63.7
60	6SS6 (L2)	Represent the result of combining transformations		60.3	60.0
<u>Mental Math</u>	!				
61	6N3 (L1)	Solve a multiplication fact		85.9	87.4
62	6N5 (L2)	Give an equivalent ratio for a given ratio	_	75.6	76.7
63	6N4 (L1)	Give a mixed number for a given improper fraction		61.0	59.7
64	6N8 (L2)	Find the product of a decimal number and a whole number		64.3	64.6
65	6N8 (L2)	Solve a problem for division of decimals by a divisor from 1 to 9		38.6	39.7
66	6N8 (L2)	Estimate the product of a decimal number by a whole number		61.5	64.6
67	6N8 (L2)	Estimate the quotient for division of decimals by a divisor from 1 to 9		58.1	61.3
68	6N9 (L1)	Apply the order of operations to solve a problem		34.5	33.5
69	6SS2 (L2)	Estimate the measure of a given angle		69.6	73.4
70	6SS2 (L2)	Give the measure of a missing angle in a given triangle		71.5	68.9

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 2 - Western

School #: 396 Stephenville Middle School, Stephenville

Grades: 6	3-8
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ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=84]	District [N=831]	<b>Province</b> [N=4,998]
Number Cor	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form	17.3	46.2	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	26.5	46.2	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	21.6	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	29.6	44.2	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	25.9	29.8	30.3
46	6N3 (L3)	Solve a problem involving factors	52.5	59.1	55.3
47	6N7 (L3)	Compare the value of two given integers	54.9	62.1	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	38.3	48.7	46.4
Patterns and					
49	6PR4 (L2)	Represent an equivalent equation for a given equation	61.1	62.1	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	22.8	37.3	30.2
51	6PR2 (L2)	Create a table of values for a given situation	68.5	73.3	70.4
	6000 6604 /1 /0	Graph a table of values using a linear graph	64.2	60.6	59.5
52	6PR2, 6SP1 (L2)				
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	32.1 33.3	40.5 46.1	36.3 39.1
53	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem			
53 54 <b>Shape and S</b> 55	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure			
53 54 <b>Shape and S</b> 55 56	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume	33.3 61.6 48.8	46.1 65.4 50.7	39.1 65.2 51.0
53 54 <b>Shape and S</b> 55 56 57	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	33.3 61.6 48.8 69.5	46.1 65.4 50.7 78.1	39.1 65.2 51.0 75.3
53 54 <b>Shape and S</b> 55 56 57 58	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	33.3 61.6 48.8 69.5 64.0	46.1 65.4 50.7 78.1 67.3	39.1 65.2 51.0 75.3 68.8
53 54 <b>Shape and S</b> 55 56 57 58 59	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	33.3 61.6 48.8 69.5 64.0 59.2	46.1 65.4 50.7 78.1 67.3 61.6	39.1 65.2 51.0 75.3 68.8 63.7
53 54 <b>Shape and S</b> 55 56 57 58	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	33.3 61.6 48.8 69.5 64.0	46.1 65.4 50.7 78.1 67.3	39.1 65.2 51.0 75.3 68.8
53 54 <b>Shape and S</b> 55 56 57 58 59	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	33.3 61.6 48.8 69.5 64.0 59.2	46.1 65.4 50.7 78.1 67.3 61.6	39.1 65.2 51.0 75.3 68.8 63.7
53 54 <b>Shape and S</b> 55 56 57 58 59 60	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	33.3 61.6 48.8 69.5 64.0 59.2	46.1 65.4 50.7 78.1 67.3 61.6	39.1 65.2 51.0 75.3 68.8 63.7
53 54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b>	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	33.3 61.6 48.8 69.5 64.0 59.2 51.8	46.1 65.4 50.7 78.1 67.3 61.6 60.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0
53 54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b> 61	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	33.3 61.6 48.8 69.5 64.0 59.2 51.8 81.7	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
53 54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b> 61 62	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	33.3 61.6 48.8 69.5 64.0 59.2 51.8 81.7 68.3	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7
53 54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	33.3 61.6 48.8 69.5 64.0 59.2 51.8 81.7 68.3 57.3	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7
53 54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	33.3 61.6 48.8 69.5 64.0 59.2 51.8 81.7 68.3 57.3 63.4	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6
53 54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64 65	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	33.3 61.6 48.8 69.5 64.0 59.2 51.8 81.7 68.3 57.3 63.4 35.4	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7
53 54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64 65 66	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 6Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	33.3 61.6 48.8 69.5 64.0 59.2 51.8 81.7 68.3 57.3 63.4 35.4 64.0	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6
53 54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64 65 66 67	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	33.3 61.6 48.8 69.5 64.0 59.2 51.8 81.7 68.3 57.3 63.4 35.4 64.0 61.0	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6           61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 2 - Western

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School #: 397 Belanger Memorial School, Upper Ferry Grades: K-12

Grades: K-12	
Item	Outcome(s)

Item Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=19]	District [N=831]	<b>Province</b> [N=4,998]
Number Col	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form	52.6	46.2	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	57.9	46.2	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	31.6	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	39.5	44.2	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	31.6	29.8	30.3
46	6N3 (L3)	Solve a problem involving factors	68.4	59.1	55.3
47	6N7 (L3)	Compare the value of two given integers	60.5	62.1	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	39.5	48.7	46.4
<u>Patterns an</u>	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	86.8	62.1	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	52.6	37.3	30.2
51	6PR2 (L2)	Create a table of values for a given situation	81.6	73.3	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	79.0	60.6	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	50.0	40.5	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	73.7	46.1	39.1
Shape and S	Space				
55	6SS1 (L2)	Draw an angle of a given measure	39.5	65.4	65.2
56	6SS3 (L2)	Solve measurement problem involving volume	55.3	50.7	51.0
57	6SS3 (L2)	Draw a rectangle for a given area	71.1	78.1	75.3
58	6SS4 (L2)	Draw a specified triangle	52.6	67.3	68.8
59	6SS6 (L2)	Represent the result of combining transformations	31.6	61.6	63.7
60	6SS6 (L2)	Represent the result of combining transformations	44.7	60.3	60.0
<u>Mental Math</u>	!				
61	6N3 (L1)	Solve a multiplication fact	83.3	85.9	87.4
62	6N5 (L2)	Give an equivalent ratio for a given ratio	77.8	75.6	76.7
63	6N4 (L1)	Give a mixed number for a given improper fraction	66.7	61.0	59.7
64	6N8 (L2)	Find the product of a decimal number and a whole number	77.8	64.3	64.6
65	6N8 (L2)	Solve a problem for division of decimals by a divisor from 1 to 9	55.6	38.6	39.7
66	6N8 (L2)	Estimate the product of a decimal number by a whole number	41.7	61.5	64.6
67	6N8 (L2)	Estimate the quotient for division of decimals by a divisor from 1 to 9	52.8	58.1	61.3
68	6N9 (L1)	Apply the order of operations to solve a problem	38.9	34.5	33.5
69	6SS2 (L2)	Estimate the measure of a given angle	72.2	69.6	73.4
70	6SS2 (L2)	Give the measure of a missing angle in a given triangle	77.8	71.5	68.9

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

District 2 - Western

School #: 474 Cloud River Academy, Roddickton

ltem Number	Outcome(s) Cognitive Level	Outcome Description	School [N=8]	District [N=831]	<b>Proving</b> [N=4,998
lumber Col	ncepts				
41	6N1 (L1)	Write a given number in written form	81.3	46.2	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	81.3	46.2	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	18.8	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	62.5	44.2	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	18.8	29.8	30.3
46	6N3 (L3)	Solve a problem involving factors	31.3	59.1	55.3
47	6N7 (L3)	Compare the value of two given integers	81.3	62.1	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	62.5	48.7	46.4
Patterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	87.5	62.1	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	100.0	37.3	30.2
51	6PR2 (L2)	Create a table of values for a given situation	93.8	73.3	70.4
	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	56.3	60.6	59.5
52	UFIXZ, USFI(LZ)			-	-
		Write a pattern rule for a given problem	37.5	40.5	36.3
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	37.5 100.0	40.5 46.1	36.3 39.1
53 54 Shape and S	6PR3 (L2) 6PR3 (L2) Space	Represent a pattern rule as a mathematical expression	100.0	46.1	39.1
53 54 hape and \$	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	100.0 87.5	46.1	<u>39.1</u> 65.2
53 54	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression	100.0	46.1	39.1 65.2 51.0
53 54 Chape and S 55 56	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	100.0 87.5 75.0	46.1 65.4 50.7	39.1 65.2 51.0 75.3
53 54 hape and \$ 55 56 57	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	100.0 87.5 75.0 81.3	46.1 65.4 50.7 78.1	39.1 65.2 51.0 75.3 68.8
53 54 <b>Chape and S</b> 55 56 57 58	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	100.0 87.5 75.0 81.3 87.5	46.1 65.4 50.7 78.1 67.3	39.1 65.2 51.0 75.3 68.8 63.7
53 54 Shape and S 55 56 57 58 59	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	87.5 75.0 81.3 87.5 75.0	46.1 65.4 50.7 78.1 67.3 61.6	39.1 65.2 51.0 75.3 68.8 63.7
53 54 55 55 56 57 58 59 60 Mental Math 61	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	87.5 75.0 81.3 87.5 75.0	46.1 65.4 50.7 78.1 67.3 61.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0
53 54 55 55 56 57 58 59 60 Mental Math	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	100.0 87.5 75.0 81.3 87.5 75.0 87.5	46.1 65.4 50.7 78.1 67.3 61.6 60.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
53 54 55 55 56 57 58 59 60 Mental Math 61	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	100.0 87.5 75.0 81.3 87.5 75.0 87.5 100.0	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
53 54 55 55 56 57 58 59 60 <b>Mental Math</b> 61 62	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	100.0 87.5 75.0 81.3 87.5 75.0 87.5 87.5 100.0 100.0	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
53 54 55 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	100.0 87.5 75.0 81.3 87.5 75.0 87.5 100.0 100.0 37.5	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
53 54 55 55 56 57 58 59 60 Mental Math 61 62 63 63 64	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	100.0 87.5 75.0 81.3 87.5 75.0 87.5 100.0 100.0 37.5 50.0	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
53 54 55 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64 65	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	100.0 87.5 75.0 81.3 87.5 75.0 87.5 87.5 100.0 100.0 37.5 50.0 100.0	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
53 54 55 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	100.0 87.5 75.0 81.3 87.5 75.0 87.5 87.5 100.0 100.0 37.5 50.0 100.0 75.0	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5	-
53 54 55 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 66 67	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 6Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	100.0 87.5 75.0 81.3 87.5 75.0 87.5 100.0 100.0 37.5 50.0 100.0 75.0 87.5	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 2 - Western

School #: 475 Viking Trail Academy, Plum Point Grades: K-12

ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=13]	District [N=831]	<b>Provine</b> [N=4,998
lumber Col	ncepts				
41	6N1 (L1)	Write a given number in written form	63.6	46.2	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	36.4	46.2	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	45.5	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	68.2	44.2	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	31.8	29.8	30.3
46	6N3 (L3)	Solve a problem involving factors	68.2	59.1	55.3
47	6N7 (L3)	Compare the value of two given integers	45.5	62.1	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	27.3	48.7	46.4
atterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	62.5	62.1	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	25.0	37.3	30.2
51	6PR2 (L2)	Create a table of values for a given situation	79.2	73.3	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	70.8	60.6	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	33.3	40.5	36.3
			00.0	-U.U	00.0
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	66.7	46.1	39.1
hape and S	Space				39.1
<b>hape and S</b> 55	<b>Space</b> 6SS1 (L2)	Draw an angle of a given measure	83.3	65.4	<u>39.1</u> 65.2
hape and S	<u>Space</u> 6SS1 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume	83.3 50.0	65.4 50.7	39.1 65.2 51.0
<b>hape and S</b> 55 56	<b>Space</b> 6SS1 (L2)	Draw an angle of a given measure	83.3	65.4	39.1 65.2 51.0 75.3
hape and \$ 55 56 57	<u>Space</u> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area	83.3 50.0 87.5	65.4 50.7 78.1	65.2 51.0 75.3 68.8
<i>hape and \$</i> 55 56 57 58	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle	83.3 50.0 87.5 50.0	65.4 50.7 78.1 67.3	39.1 65.2 51.0 75.3 68.8 63.7
thape and s	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	83.3 50.0 87.5 50.0 50.0	65.4 50.7 78.1 67.3 61.6	65.2 51.0 75.3 68.8 63.7
hape and \$ 55 56 57 58 59 60 1ental Math	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	83.3 50.0 87.5 50.0 50.0 45.8	65.4 50.7 78.1 67.3 61.6 60.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0
hape and \$ 55 56 57 58 59 60 ental Math	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	83.3 50.0 87.5 50.0 50.0 45.8 84.6	65.4 50.7 78.1 67.3 61.6 60.3 85.9	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
hape and \$ 55 56 57 58 59 60 Mental Math	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio	83.3 50.0 87.5 50.0 50.0 45.8 84.6 92.3	65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
hape and \$ 55 56 57 58 59 60  Mental Math 61 62 63	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction	83.3 50.0 87.5 50.0 50.0 45.8 84.6 92.3 46.2	65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
hape and \$ 55 56 57 58 59 60  Mental Math 61 62 63 64	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number	83.3 50.0 87.5 50.0 50.0 45.8 84.6 92.3 46.2 80.8	65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	83.3 50.0 87.5 50.0 50.0 45.8 84.6 92.3 46.2 80.8 23.1	65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
55         56         57         58         59         60         Mental Math         61         62         63         64         65         66	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number	83.3 50.0 87.5 50.0 45.8 84.6 92.3 46.2 80.8 23.1 73.1	65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6
Shape and S         55         56         57         58         59         60         Mental Math         61         62         63         64         65         66         67	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number	83.3 50.0 87.5 50.0 45.8 84.6 92.3 46.2 80.8 23.1 73.1 46.2	65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6           61.3
Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number	83.3 50.0 87.5 50.0 45.8 84.6 92.3 46.2 80.8 23.1 73.1	65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 2 - Western

School #: 487 Labrador Straits Academy, L'Anse au Loup

Grades: K-12

	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=19]	District [N=831]	<b>Provin</b> [N=4,99
umber Cor	ncepts				
41	6N1 (L1)	Write a given number in written form	44.7	46.2	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	39.5	46.2	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	15.8	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	47.4	44.2	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	13.2	29.8	30.3
46	6N3 (L3)	Solve a problem involving factors	50.0	59.1	55.3
47	6N7 (L3)	Compare the value of two given integers	34.2	62.1	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	44.7	48.7	46.4
	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	56.7	62.1	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	53.3	37.3	30.2
51	6PR2 (L2)	Create a table of values for a given situation	76.7	73.3	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	36.7	60.6	59.5
53 54	6PR3 (L2)	Write a pattern rule for a given problem	40.0	40.5	36.3
hane and S	Snaco				
hape and S			50.0	05.4	05.0
55	6SS1 (L2)	Draw an angle of a given measure	53.3	65.4	_
55 56	6SS1 (L2) 6SS3 (L2)	Solve measurement problem involving volume	43.3	50.7	51.0
55 56 57	6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area	43.3 83.3	50.7 78.1	51.0 75.3
55 56 57 58	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle	43.3 83.3 66.7	50.7 78.1 67.3	51.0 75.3 68.8
55 56 57 58 59	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	43.3 83.3 66.7 43.3	50.7 78.1 67.3 61.6	51.0 75.3 68.8 63.7
55 56 57 58	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle	43.3 83.3 66.7	50.7 78.1 67.3	65.2 51.0 75.3 68.8 63.7 60.0
55 56 57 58 59 60	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	43.3 83.3 66.7 43.3	50.7 78.1 67.3 61.6	51.0 75.3 68.8 63.7
55 56 57 58 59 60 ental Math	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	43.3 83.3 66.7 43.3 50.0	50.7 78.1 67.3 61.6 60.3	51.0 75.3 68.8 63.7 60.0
55 56 57 58 59 60 <b>6</b> <b>6</b> <b>6</b>	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	43.3 83.3 66.7 43.3 50.0 68.8	50.7 78.1 67.3 61.6 60.3 85.9	51.0 75.3 68.8 63.7 60.0 87.4 76.7
55 56 57 58 59 60 ental Math 61 62 63	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio	43.3 83.3 66.7 43.3 50.0 68.8 75.0 56.3	50.7 78.1 67.3 61.6 60.3 85.9 75.6	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
55 56 57 58 59 60 <u>ental Math</u> 61 62	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction	43.3 83.3 66.7 43.3 50.0 68.8 75.0	50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
55 56 57 58 59 60 <b>Cental Math</b> 61 62 63 63 64	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	43.3 83.3 66.7 43.3 50.0 68.8 75.0 56.3 56.3	50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
55 56 57 58 59 60 <b>ental Math</b> 61 62 63 63 64 65 66	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	43.3 83.3 66.7 43.3 50.0 68.8 75.0 56.3 56.3 37.5 43.8	50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
55 56 57 58 59 60 <b>ental Math</b> 61 62 63 64 65 66 66 67	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	43.3 83.3 66.7 43.3 50.0 68.8 75.0 56.3 56.3 37.5 43.8 40.6	50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3
55 56 57 58 59 60 <b>ental Math</b> 61 62 63 63 64 65 66	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	43.3 83.3 66.7 43.3 50.0 68.8 75.0 56.3 56.3 37.5 43.8	50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 2 - Western

School #: 488 French Shore Academy, Port Saunders Grades: K-12

ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=23]	District [N=831]	<b>Proving</b> [N=4,998
lumber Co	ncepts				
41	6N1 (L1)	Write a given number in written form	43.5	46.2	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	52.2	46.2	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	37.0	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	39.1	44.2	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	26.1	29.8	30.3
46	6N3 (L3)	Solve a problem involving factors	63.0	59.1	55.3
47	6N7 (L3)	Compare the value of two given integers	60.9	62.1	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	52.2	48.7	46.4
Patterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	65.2	62.1	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	28.3	37.3	30.2
51	6PR2 (L2)	Create a table of values for a given situation	60.9	73.3	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	32.6	60.6	59.5
		Write a pattern rule for a given problem	26.1	40.5	36.3
<u>53</u> 54	6PR3 (L2) 6PR3 (L2)	Represent a pattern rule as a mathematical expression	43.5	46.1	39.1
54 Shape and S	6PR3 (L2) <b>Space</b>	Represent a pattern rule as a mathematical expression	43.5	46.1	39.1
54 hape and 5 55	6PR3 (L2) <b>Space</b> 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	43.5 47.8	46.1	<u>39.1</u> 65.2
54 Thape and 5 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	43.5 47.8 34.8	46.1 65.4 50.7	39.1 65.2 51.0
54 hape and 5 55 56 57	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	43.5 47.8 34.8 73.9	46.1 65.4 50.7 78.1	39.1 65.2 51.0 75.3
54 hape and 3 55 56 57 58	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	43.5 47.8 34.8 73.9 43.5	46.1 65.4 50.7 78.1 67.3	39.1 65.2 51.0 75.3 68.8
54 <b>hape and s</b> 55 56 57	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	43.5 47.8 34.8 73.9	46.1 65.4 50.7 78.1	39.1 65.2 51.0 75.3 68.8 63.7
54 Shape and 3 55 56 57 58 59 60	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	43.5 47.8 34.8 73.9 43.5 58.7	46.1 65.4 50.7 78.1 67.3 61.6	39.1 65.2 51.0 75.3 68.8 63.7
54 55 56 57 58 59 60 Mental Math	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	43.5 47.8 34.8 73.9 43.5 58.7 52.2	46.1 65.4 50.7 78.1 67.3 61.6 60.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0
54 hape and 3 55 56 57 58 59 60 Mental Math 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	43.5 47.8 34.8 73.9 43.5 58.7 52.2 72.7	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 55 56 57 58 59 60 Mental Math 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1) 6N5 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	43.5 47.8 34.8 73.9 43.5 58.7 52.2 72.7 90.9	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54 55 56 57 58 59 60 Mental Math 61 62 63	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	43.5 47.8 34.8 73.9 43.5 58.7 52.2 72.7 90.9 63.6	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
54 55 56 57 58 59 60 Mental Math 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	43.5 47.8 34.8 73.9 43.5 58.7 52.2 72.7 90.9 63.6 63.6	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
54 55 56 57 58 59 60 Mental Math 61 62 63 64	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	43.5 47.8 34.8 73.9 43.5 58.7 52.2 72.7 90.9 63.6	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
54 <i>hape and</i> 3 55 56 57 58 59 60 <i>fental Math</i> 61 62 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	43.5 47.8 34.8 73.9 43.5 58.7 52.2 72.7 90.9 63.6 63.6 63.6 31.8 65.9	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6
54 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	43.5 47.8 34.8 73.9 43.5 58.7 52.2 72.7 90.9 63.6 63.6 63.6 31.8 65.9 79.6	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5 58.1	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6           61.3
54           Shape and 3           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	43.5 47.8 34.8 73.9 43.5 58.7 52.2 72.7 90.9 63.6 63.6 63.6 31.8 65.9	46.1 65.4 50.7 78.1 67.3 61.6 60.3 85.9 75.6 61.0 64.3 38.6 61.5	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6

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Source: Division of Evaluation and Research, Department of Education



## Elementary Mathematics Provincial Assessment, June 2012 School Report - Written Response Items

(Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 125 Copper Ridge Academy, Baie Verte Grades: K-12

	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=20]	District [N=914]	<b>Province</b> [N=4,998]
<u>Number Con</u>	<u>icepts</u>				
44	CN14 (1.4)	Write e silves sumber is written form	50.0	20.0	20.0
41	6N1 (L1) 6N1 (L2)	Write a given number in written form           Write numbers located betweeen two givien numbers	58.3 86.1	38.0 45.5	36.2 43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	61.1	39.7	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	80.6	50.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	63.9	31.2	30.3
46	6N3 (L3)	Solve a problem involving factors	75.0	60.7	55.3
47	6N7 (L3)	Compare the value of two given integers	69.4	61.6	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	77.8	48.4	46.4
Patterns and	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	80.6	69.0	63.6
50	6PR1 (L2)	Write a mathematical expression for a given equation	80.6	36.5	30.2
51	6PR2 (L2)	Create a table of values for a given situation	100.0	75.2	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	86.1	67.1	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	66.7	44.2	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	86.1	46.5	39.1
Shape and S	6SS1 (L2)	Draw an angle of a given measure	72.2	65.7	65.2
55 56	6SS1 (L2) 6SS3 (L2)	Solve measurement problem involving volume	77.8	58.4	51.0
55 56 57	6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area	77.8 83.3	58.4 78.6	51.0 75.3
55 56 57 58	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle	77.8 83.3 88.9	58.4 78.6 71.9	51.0 75.3 68.8
55 56 57 58 59	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	77.8 83.3 88.9 77.8	58.4 78.6 71.9 67.1	51.0 75.3 68.8 63.7
55 56 57 58	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle	77.8 83.3 88.9	58.4 78.6 71.9	51.0 75.3 68.8
55 56 57 58 59 60 <u>Mental Math</u>	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	77.8 83.3 88.9 77.8 75.0	58.4 78.6 71.9 67.1 61.8	51.0 75.3 68.8 63.7 60.0
55 56 57 58 59 60 <u>Mental Math</u> 61	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact	77.8 83.3 88.9 77.8 75.0 94.7	58.4 78.6 71.9 67.1 61.8 89.4	51.0 75.3 68.8 63.7 60.0 87.4
55 56 57 58 59 60 <u>Mental Math</u> 61 62	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	77.8 83.3 88.9 77.8 75.0 94.7 89.5	58.4 78.6 71.9 67.1 61.8 89.4 79.3	51.0 75.3 68.8 63.7 60.0 87.4 76.7
55 56 57 58 59 60 <u>Mental Math</u> 61 62 63	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	77.8 83.3 88.9 77.8 75.0 94.7 89.5 73.7	58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
55 56 57 58 59 60 <u>Mental Math</u> 61 62 62 63 64	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	77.8 83.3 88.9 77.8 75.0 94.7 89.5 73.7 79.0	58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
55 56 57 58 59 60 <u>Mental Math</u> 61 62 63	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	77.8 83.3 88.9 77.8 75.0 94.7 89.5 73.7 79.0 79.0	58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
55 56 57 58 59 60 <u>Mental Math</u> 61 62 63 63 64 65 66	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	77.8 83.3 88.9 77.8 75.0 94.7 89.5 73.7 79.0 79.0 86.8	58.4           78.6           71.9           67.1           61.8           89.4           79.3           64.3           66.1           40.4           66.0	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
55 56 57 58 59 60 <u>Mental Math</u> 61 62 63 63 64 65 66 66 67	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	77.8 83.3 88.9 77.8 75.0 94.7 89.5 73.7 79.0 79.0 86.8 94.7	58.4           78.6           71.9           67.1           61.8           89.4           79.3           64.3           66.1           40.4           66.0           64.0	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3
55 56 57 58 59 60 <u>Mental Math</u> 61 62 63 63 64 65 66	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	77.8 83.3 88.9 77.8 75.0 94.7 89.5 73.7 79.0 79.0 86.8	58.4           78.6           71.9           67.1           61.8           89.4           79.3           64.3           66.1           40.4           66.0	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 133 Memorial Academy, Botwood Grades: K-6

ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=51]	District [N=914]	<b>Provinc</b> [N=4,998
Number Col	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form	29.4	38.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	29.4	45.5	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	41.3	39.7	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	52.2	50.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	28.3	31.2	30.3
46	6N3 (L3)	Solve a problem involving factors	59.8	60.7	55.3
47	6N7 (L3)	Compare the value of two given integers	62.0	61.6	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	42.4	48.4	46.4
Patterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	67.7	69.0	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	33.3	36.5	30.2
51	6PR2 (L2)	Create a table of values for a given situation	70.8	75.2	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	63.5	67.1	59.5
	,		31.3	44.2	36.3
53	6283 (12)				
<u>53</u> 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	33.3	46.5	39.1
54	6PR3 (L2)				
54 Thape and S	6PR3 (L2) Space	Represent a pattern rule as a mathematical expression	33.3	46.5	39.1
54 Shape and \$ 55	6PR3 (L2) <b>Space</b> 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	33.3 55.2	46.5	<u>39.1</u> 65.2
54 Shape and S 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	33.3 55.2 52.1	46.5 65.7 58.4	39.1 65.2 51.0
54 Shape and S 55 56 57	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	33.3 55.2 52.1 63.5	46.5 65.7 58.4 78.6	39.1 65.2 51.0 75.3 68.8
54 Shape and S 55 56 57 58	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	33.3 55.2 52.1 63.5 64.6	46.5 65.7 58.4 78.6 71.9	39.1 65.2 51.0 75.3
54 <b>Chape and S</b> 55 56 57 58 59 60	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	33.3 55.2 52.1 63.5 64.6 70.8	46.5 65.7 58.4 78.6 71.9 67.1	39.1 65.2 51.0 75.3 68.8 63.7
54 55 56 57 58 59 60 Mental Math	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	33.3 55.2 52.1 63.5 64.6 70.8 56.3	46.5 65.7 58.4 78.6 71.9 67.1 61.8	39.1 65.2 51.0 75.3 68.8 63.7 60.0
54 <b>Chape and S</b> 55 56 57 58 59 60	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	33.3 55.2 52.1 63.5 64.6 70.8	46.5 65.7 58.4 78.6 71.9 67.1	39.1 65.2 51.0 75.3 68.8 63.7
54 55 56 57 58 59 60 Mental Math 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	33.3 55.2 52.1 63.5 64.6 70.8 56.3 94.9 77.6	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54 55 56 57 58 59 60 Mental Math 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	33.3 55.2 52.1 63.5 64.6 70.8 56.3 94.9 77.6 63.3	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7
54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	33.3 55.2 52.1 63.5 64.6 70.8 56.3 94.9 77.6 63.3 68.4	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
54 Shape and S 55 56 57 58 59 60 Mental Math 61 62 63 64	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	33.3 55.2 52.1 63.5 64.6 70.8 56.3 94.9 77.6 63.3	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
54 <i>hape and</i> 3 55 56 57 58 59 60 <i>fental Math</i> 61 62 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	33.3 55.2 52.1 63.5 64.6 70.8 56.3 94.9 77.6 63.3 68.4 45.9 63.3	46.5 65.7 58.4 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6
54           Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66           67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	33.3 55.2 52.1 63.5 64.6 70.8 56.3 94.9 77.6 63.3 68.4 45.9 63.3 59.2	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0 64.0	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6           61.3
54           Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	33.3 55.2 52.1 63.5 64.6 70.8 56.3 94.9 77.6 63.3 68.4 45.9 63.3	46.5 65.7 58.4 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 3 - Nova Central

School #: 143 Millcrest Academy, Grand Falls-Windsor

Grades: 4-6	5
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ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=101]	District [N=914]	<b>Province</b> [N=4,998]
Normali an Oa					
Number Co	ncepts				
41	6N1 (L1)	Write a given number in written form	32.2	38.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	33.2	45.5	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	38.6	39.7	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	56.4	50.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	42.6	31.2	30.3
46	6N3 (L3)	Solve a problem involving factors	78.2	60.7	55.3
47	6N7 (L3)	Compare the value of two given integers	77.7	61.6	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	49.0	48.4	46.4
<u>Patterns an</u> 49	<u>d Relations</u> 6PR4 (L2)	Represent an equivalent equation for a given equation	63.4	69.0	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	37.1	36.5	30.2
51	6PR2 (L2)	Create a table of values for a given situation	81.4	75.2	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	68.6	67.1	59.5
	01 1(2, 001 1 (LZ)			44.2	36.3
	6DD2 (1 2)				
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	41.2 35.6	44.2	39.1
53	6PR3 (L2)				
53 54 Shape and 5	6PR3 (L2)	Represent a pattern rule as a mathematical expression	35.6	46.5	39.1
53 54 <b>Shape and</b> 55	6PR3 (L2) <b>Space</b> 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	35.6 57.2	46.5	<u>39.1</u> 65.2
53 54 <b>Shape and</b> 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	35.6 57.2 63.9	46.5 65.7 58.4	39.1 65.2 51.0
53 54 Shape and 55 56 57	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	35.6 57.2 63.9 71.1	46.5 65.7 58.4 78.6	39.1 65.2 51.0 75.3
53 54 <i>Shape and</i> 55 56 57 58	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	35.6 57.2 63.9 71.1 61.3	46.5 65.7 58.4 78.6 71.9	39.1 65.2 51.0 75.3 68.8
53 54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b>	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	35.6 57.2 63.9 71.1 61.3 58.3 52.1	46.5 65.7 58.4 71.9 67.1 61.8	39.1         65.2         51.0         75.3         68.8         63.7         60.0
53 54 Shape and 55 55 56 57 58 59 60 <u>Mental Math</u> 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	35.6 57.2 63.9 71.1 61.3 58.3 52.1 92.9	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4	39.1         65.2         51.0         75.3         68.8         63.7         60.0         87.4
53 54 <u>Shape and 55</u> 56 57 58 59 60 <u>Mental Math</u> 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	35.6 57.2 63.9 71.1 61.3 58.3 52.1 92.9 84.9	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
53 54 <u>Shape and 55</u> 56 57 58 59 60 <u>Mental Math</u> 61 62 63	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	35.6 57.2 63.9 71.1 61.3 58.3 52.1 92.9 84.9 70.7	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7
53 54 <i>Shape and s</i> 55 56 57 58 59 60 <i>Mental Math</i> 61 62 63 63 64	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	35.6 57.2 63.9 71.1 61.3 58.3 52.1 92.9 84.9 70.7 63.6	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6
53 54 <b>Shape and</b> 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	35.6 57.2 63.9 71.1 61.3 58.3 52.1 92.9 84.9 70.7 63.6 31.3	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7
53 54 <b>Shape and</b> 55 56 57 58 59 60 <b>Mental Matl</b> 61 62 63 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	35.6 57.2 63.9 71.1 61.3 58.3 52.1 92.9 84.9 70.7 63.6 31.3 75.3	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6
53 54 <b>Shape and</b> 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	35.6 57.2 63.9 71.1 61.3 58.3 52.1 92.9 84.9 70.7 63.6 31.3	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7
53 54 <b>Shape and</b> 55 56 57 58 59 60 <b>Mental Matl</b> 61 62 63 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	35.6 57.2 63.9 71.1 61.3 58.3 52.1 92.9 84.9 70.7 63.6 31.3 75.3	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6
53 54 <u>Shape and 55</u> 56 57 58 59 60 <u>Mental Math</u> 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	35.6 57.2 63.9 71.1 61.3 58.3 52.1 92.9 84.9 70.7 63.6 31.3 75.3 75.8	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0 64.0	39.1         65.2         51.0         75.3         68.8         63.7         60.0         87.4         76.7         59.7         64.6         39.7         64.6         61.3

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Source: Division of Evaluation and Research, Department of Education



## Elementary Mathematics Provincial Assessment, June 2012 School Report - Written Response Items

(Item Analysis: % of content answered correctly)

#### District 3 - Nova Central

School #: 144 Sprucewood Academy, Grand Falls-Windsor Grades: K-6

ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=33]	District [N=914]	<b>Province</b> [N=4,998]
Number Co.					
<u>Number Cor</u>	icepts				
41	6N1 (L1)	Write a given number in written form	59.7	38.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	45.2	45.5	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	61.3	39.7	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	33.9	50.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	24.2	31.2	30.3
46	6N3 (L3)	Solve a problem involving factors	53.2	60.7	55.3
47	6N7 (L3)	Compare the value of two given integers	58.1	61.6	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	50.0	48.4	46.4
Patterns and	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	62.5	69.0	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	26.6	36.5	30.2
51	6PR2 (L2)	Create a table of values for a given situation	79.7	75.2	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	67.2	67.1	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	48.4	44.2	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	46.9	46.5	39.1
Shape and S			50.0	05.7	05.0
55 56	6SS1 (L2)	Draw an angle of a given measure Solve measurement problem involving volume	56.3	65.7	65.2
57	6SS3 (L2) 6SS3 (L2)	Draw a rectangle for a given area	76.6	58.4 78.6	51.0 75.3
58	6SS4 (L2)	Draw a specified triangle	57.8	71.9	68.8
59	6SS6 (L2)	Represent the result of combining transformations	71.9	67.1	63.7
60	6SS6 (L2)	Represent the result of combining transformations	57.8	61.8	60.0
Mental Math					
61	6N3 (L1)	Solve a multiplication fact	92.2	89.4	87.4
62	6N5 (L2)	Give an equivalent ratio for a given ratio	62.5	79.3	76.7
63	6N4 (L1)	Give a mixed number for a given improper fraction	62.5	64.3	59.7
64	6N8 (L2)	Find the product of a decimal number and a whole number	53.1	66.1	64.6
65	6N8 (L2)	Solve a problem for division of decimals by a divisor from 1 to 9	42.2	40.4	39.7
66	6N8 (L2)	Estimate the product of a decimal number by a whole number	53.1	66.0	64.6
67	6N8 (L2)	Estimate the quotient for division of decimals by a divisor from 1 to 9	56.3	64.0	61.3
68	6N9 (L1)	Apply the order of operations to solve a problem	46.9	36.4	33.5
69	6SS2 (L2)	Estimate the measure of a given angle	57.8	74.5	73.4
70	6SS2 (L2)	Give the measure of a missing angle in a given triangle	56.3	72.5	68.9

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 3 - Nova Central

School #: 150 St. Joseph's Elementary, Harbour Breton

Grades: K-	6
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ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=20]	District [N=914]	<b>Province</b> [N=4,998]
No.					
Number Co	ncepts				
41	6N1 (L1)	Write a given number in written form	67.5	38.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	52.5	45.5	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	35.0	39.7	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	35.0	50.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	15.0	31.2	30.3
46	6N3 (L3)	Solve a problem involving factors	85.0	60.7	55.3
47	6N7 (L3)	Compare the value of two given integers	62.5	61.6	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	57.5	48.4	46.4
<u>Patterns an</u>	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	70.6	69.0	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	44.1	36.5	30.2
51	6PR2 (L2)	Create a table of values for a given situation	85.3	75.2	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	79.4	67.1	59.5
52				44.0	36.3
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	73.5 61.8	44.2 46.5	39.1
53 54 Shape and s	6PR3 (L2) Space	Represent a pattern rule as a mathematical expression	61.8	46.5	39.1
53 54 <b>Shape and 3</b> 55	6PR3 (L2) <b>Space</b> 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	61.8 64.7	46.5	<u>39.1</u> 65.2
53 54 <b>Shape and 3</b> 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	61.8 64.7 61.8	46.5 65.7 58.4	39.1 65.2 51.0
53 54 <i>Shape and s</i> 55 56 57	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	61.8 64.7 61.8 88.2	46.5 65.7 58.4 78.6	39.1 65.2 51.0 75.3
53 54 Shape and 5 55 56 57 58	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	61.8 64.7 61.8 88.2 79.4	46.5 65.7 58.4 78.6 71.9	39.1           65.2           51.0           75.3           68.8
53 54 <i>Shape and s</i> 55 56 57	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	61.8 64.7 61.8 88.2	46.5 65.7 58.4 78.6	39.1 65.2 51.0 75.3
53 54 <b>Shape and 3</b> 55 56 57 58 59	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	61.8 64.7 61.8 88.2 79.4 70.6	46.5 65.7 58.4 78.6 71.9 67.1	39.1           65.2           51.0           75.3           68.8           63.7
53 54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b> 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	61.8 64.7 61.8 88.2 79.4 70.6	46.5 65.7 58.4 78.6 71.9 67.1	39.1           65.2           51.0           75.3           68.8           63.7
53 54 Shape and 5 55 56 57 58 59 60 Mental Math	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	61.8 64.7 61.8 88.2 79.4 70.6 73.5	46.5 65.7 58.4 78.6 71.9 67.1 61.8	39.1           65.2           51.0           75.3           68.8           63.7           60.0
53 54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b> 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	61.8 64.7 61.8 88.2 79.4 70.6 73.5 100.0	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4
53 54 <i>Shape and S</i> 55 56 57 58 59 60 <i>Mental Math</i> 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	61.8 64.7 61.8 88.2 79.4 70.6 73.5 100.0 93.3	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7
53 54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	61.8 64.7 61.8 88.2 79.4 70.6 73.5 73.5 100.0 93.3 80.0 66.7 40.0	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7
53 54 <i>Shape and S</i> 55 56 57 58 59 60 <i>Mental Math</i> 61 62 63 63 64	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	61.8 64.7 61.8 88.2 79.4 70.6 73.5 100.0 93.3 80.0 66.7	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6
53 54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	61.8 64.7 61.8 88.2 79.4 70.6 73.5 73.5 100.0 93.3 80.0 66.7 40.0	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7
53 54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	61.8 64.7 61.8 88.2 79.4 70.6 73.5 73.5 100.0 93.3 80.0 66.7 40.0 80.0	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6
53 54 54 55 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	61.8 64.7 61.8 88.2 79.4 70.6 73.5 73.5 100.0 93.3 80.0 66.7 40.0 80.0 80.0	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0 64.0	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6           61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 151 John Watkins Academy, Hermitage Grades: K-12

Number	Outcome(s) Cognitive Level	Outcome Description	School [N=7]	District [N=914]	<b>Provin</b> [N=4,998
lumber Co	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form	57.1	38.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	42.9	45.5	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	42.9	39.7	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	35.7	50.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	35.7	31.2	30.3
46	6N3 (L3)	Solve a problem involving factors	57.1	60.7	55.3
47	6N7 (L3)	Compare the value of two given integers	50.0	61.6	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	64.3	48.4	46.4
Patterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	85.7	69.0	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	14.3	36.5	30.2
51	6PR2 (L2)	Create a table of values for a given situation	85.7	75.2	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	85.7	67.1	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	50.0	44.2	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	57.1	46.5	39.1
<b>Shape and</b> 55	<u>Space</u> 6SS1 (L2)	Draw an angle of a given measure	57.1	65.7	65.2
		Draw an angle of a given measure Solve measurement problem involving volume	57.1 50.0	65.7 58.4	_
55	6SS1 (L2)				51.0
55 56	6SS1 (L2) 6SS3 (L2)	Solve measurement problem involving volume	50.0	58.4	51.0 75.3
55 56 57	6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area	50.0 64.3	58.4 78.6	51.0 75.3 68.8
55 56 57 58	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle	50.0 64.3 42.9	58.4 78.6 71.9	51.0 75.3 68.8 63.7
55 56 57 58 59	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	50.0 64.3 42.9 85.7	58.4 78.6 71.9 67.1	51.0 75.3 68.8 63.7
55 56 57 58 59 60 Mental Math	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	50.0 64.3 42.9 85.7 92.9	58.4 78.6 71.9 67.1 61.8	51.0 75.3 68.8 63.7 60.0
55 56 57 58 59 60 <i>Mental Matl</i>	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	50.0 64.3 42.9 85.7 92.9 71.4	58.4 78.6 71.9 67.1 61.8 89.4	51.0 75.3 68.8 63.7 60.0 87.4
55 56 57 58 59 60 <i>Mental Matt</i> 61 62	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1) 6N5 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio	50.0 64.3 42.9 85.7 92.9 71.4 85.7	58.4 78.6 71.9 67.1 61.8 89.4 79.3	51.0 75.3 68.8 63.7 60.0 87.4 76.7
55 56 57 58 59 60 <i>Mental Matl</i> 61 62 63	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction	50.0 64.3 42.9 85.7 92.9 71.4 85.7 85.7	58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	50.0 64.3 42.9 85.7 92.9 71.4 85.7 85.7 57.1	58.4           78.6           71.9           67.1           61.8           89.4           79.3           64.3           66.1	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64 65	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	50.0 64.3 42.9 85.7 92.9 71.4 85.7 85.7 57.1 57.1	58.4           78.6           71.9           67.1           61.8           89.4           79.3           64.3           66.1           40.4	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64 65 66	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	50.0 64.3 42.9 85.7 92.9 71.4 85.7 85.7 57.1 57.1 78.6	58.4           78.6           71.9           67.1           61.8           89.4           79.3           64.3           66.1           40.4           66.0	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
55 56 57 58 59 60 <b>Aental Matl</b> 61 62 63 64 65 66 66 67	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	50.0 64.3 42.9 85.7 92.9 71.4 85.7 85.7 57.1 57.1 57.1 78.6 71.4	58.4           78.6           71.9           67.1           61.8           89.4           79.3           64.3           66.1           40.4           66.0           64.0	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3
55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 64 65 66 66 67 68	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9         Apply the order of operations to solve a problem	50.0 64.3 42.9 85.7 92.9 71.4 85.7 85.7 57.1 57.1 57.1 78.6 71.4 71.4	58.4           78.6           71.9           67.1           61.8           89.4           79.3           64.3           66.1           40.4           66.0           64.0           36.4	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3 33.5
55 56 57 58 59 60 <b>Mental Matl</b> 61 62 63 64 65 66 66 67	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	50.0 64.3 42.9 85.7 92.9 71.4 85.7 85.7 57.1 57.1 57.1 78.6 71.4	58.4           78.6           71.9           67.1           61.8           89.4           79.3           64.3           66.1           40.4           66.0           64.0	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 152 Valmont Academy, King's Point

Grades: K-12

ltem Number	Outcome(s) Cognitive Level	Outcome Description	School [N=11]	District [N=914]	<b>Province</b> [N=4,998]
<u>Number Co</u>	ncepts				
41	6N1 (L1)	Write a given number in written form	72.7	38.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	40.9	45.5	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	45.5	39.7	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	45.5	50.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	22.7	31.2	30.3
46	6N3 (L3)	Solve a problem involving factors	31.8	60.7	55.3
47	6N7 (L3)	Compare the value of two given integers	72.7	61.6	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	68.2	48.4	46.4
Patterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	45.5	69.0	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	54.6	36.5	30.2
51	6PR2 (L2)	Create a table of values for a given situation	77.3	75.2	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	72.7	67.1	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	59.1	44.2	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	45.5	46.5	39.1
<u>Shape and</u> 55	<u>Space</u> 6SS1 (L2)	Draw an angle of a given measure	81.8	65.7	65.2
56	6SS3 (L2)	Solve measurement problem involving volume	68.2	58.4	51.0
57	6SS3 (L2)	Draw a rectangle for a given area	81.8	78.6	75.3
58	6SS4 (L2)	Draw a specified triangle	59.1	71.9	68.8
59	6SS6 (L2)	Represent the result of combining transformations	72.7	67.1	63.7
60	6SS6 (L2)	Represent the result of combining transformations	77.3	61.8	60.0
<u>Mental Mati</u>	<u>2</u>				
61	6N3 (L1)	Solve a multiplication fact	81.8	89.4	87.4
62	6N5 (L2)	Give an equivalent ratio for a given ratio	72.7	79.3	76.7
63	6N4 (L1)	Give a mixed number for a given improper fraction	63.6	64.3	59.7
64	6N8 (L2)	Find the product of a decimal number and a whole number	72.7	66.1	64.6
65	6N8 (L2)	Solve a problem for division of decimals by a divisor from 1 to 9	27.3	40.4	39.7
66		Estimate the product of a decimal number by a whole number	50.0	66.0	64.6
66	6N8 (L2)				
67	6N8 (L2)	Estimate the quotient for division of decimals by a divisor from 1 to 9	59.1	64.0	61.3
67 68	, ,		59.1 45.5	64.0 36.4	
67	6N8 (L2)	Estimate the quotient for division of decimals by a divisor from 1 to 9	59.1	64.0	61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 154 Hillside Elementary, La Scie Grades: K-6

ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=19]	District [N=914]	<b>Provinc</b> [N=4,998]
lumber Col	ncepts				
41	6N1 (L1)	Write a given number in written form	13.2	38.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	55.3	45.5	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	13.2	39.7	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	26.3	50.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	18.4	31.2	30.3
46	6N3 (L3)	Solve a problem involving factors	44.7	60.7	55.3
47	6N7 (L3)	Compare the value of two given integers	39.5	61.6	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	34.2	48.4	46.4
Patterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	55.3	69.0	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	5.3	36.5	30.2
51	6PR2 (L2)	Create a table of values for a given situation	50.0	75.2	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	39.5	67.1	59.5
	6PR3 (L2)	Write a pattern rule for a given problem	10.5	44.2	36.3
53					
53 54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	10.5	46.5	39.1
54	6PR3 (L2) <b>Space</b> 6SS1 (L2)				
54 T <b>hape and S</b> 55 56	6PR3 (L2) Space	Represent a pattern rule as a mathematical expression	10.5	46.5	39.1
54 hape and 5 55 56 57	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	10.5 33.3	46.5 65.7	<u>39.1</u> 65.2
54 T <b>hape and S</b> 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	10.5 33.3 36.1	46.5 65.7 58.4	39.1 65.2 51.0
54 hape and 5 55 56 57	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	10.5 33.3 36.1 66.7	46.5 65.7 58.4 78.6	39.1 65.2 51.0 75.3
54 Shape and S 55 56 57 58	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	10.5 33.3 36.1 66.7 72.2	46.5 65.7 58.4 78.6 71.9	39.1 65.2 51.0 75.3 68.8
54 Shape and 3 55 56 57 58 58 59	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	10.5 33.3 36.1 66.7 72.2 47.2	46.5 65.7 58.4 78.6 71.9 67.1	39.1 65.2 51.0 75.3 68.8 63.7
54 <i>hape and s</i> 55 56 57 58 59 60 <i>fental Math</i> 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	10.5 33.3 36.1 66.7 72.2 47.2 41.7 79.0	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 55 56 57 58 59 60 Mental Math	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	10.5 33.3 36.1 66.7 72.2 47.2 41.7	46.5 65.7 58.4 71.9 67.1 61.8	39.1           65.2           51.0           75.3           68.8           63.7           60.0
54 <i>hape and s</i> 55 56 57 58 59 60 <i>fental Math</i> 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	10.5 33.3 36.1 66.7 72.2 47.2 41.7 79.0	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 55 56 57 58 59 60 Mental Math 61 62 63 64	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	10.5 33.3 36.1 66.7 72.2 47.2 41.7 79.0 79.0 73.7 42.1 47.4	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
54 55 56 57 58 59 60 Mental Math 61 62 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	10.5 33.3 36.1 66.7 72.2 47.2 41.7 79.0 73.7 42.1 47.4 39.5	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
54 hape and 3 55 56 57 58 59 60 hental Math 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	10.5 33.3 36.1 66.7 72.2 47.2 41.7 79.0 73.7 42.1 47.4 39.5 36.8	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
54 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	10.5 33.3 36.1 66.7 72.2 47.2 41.7 79.0 73.7 42.1 47.4 39.5	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
54 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	10.5 33.3 36.1 66.7 72.2 47.2 41.7 79.0 73.7 42.1 47.4 39.5 36.8	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
54           Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66           67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	10.5 33.3 36.1 66.7 72.2 47.2 41.7 79.0 73.7 42.1 47.4 39.5 36.8 44.7	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0 64.0	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



## Elementary Mathematics Provincial Assessment, June 2012 School Report - Written Response Items

(Item Analysis: % of content answered correctly)

#### District 3 - Nova Central

School #: 156 H.L. Strong Academy, Little Bay Islands Grades: 6,9

Number	Outcome(s) Cognitive Level	Outcome Description	School [N=1]	District [N=914]	<b>Province</b> [N=4,998]
Number Col	ncepts				
41	6N1 (L1)	Write a given number in written form	School data	38.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	with 5 or	45.5	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	fewer	39.7	37.5
44	6N6 (L2) 6N4 (L2)	Demonstrate an understanding of percent pictorially and symbolically Place mixed numbers and improper fractions on a number line	students withheld for	50.9 31.2	46.3 30.3
-			reasons of		
46 47	6N3 (L3) 6N7 (L3)	Solve a problem involving factors Compare the value of two given integers	confidentiality	60.7 61.6	55.3 59.4
-	. ,		_		
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers		48.4	46.4
Patterns and	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation		69.0	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	-	36.5	30.2
51	6PR2 (L2)	Create a table of values for a given situation		75.2	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph		67.1	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem		44.2	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression		44.2	30.3
Shape and S	<u>Space</u> 6SS1 (L2)	Draw an angle of a given measure		65.7	65.2
		Draw an angle of a given measure Solve measurement problem involving volume	-	65.7 58.4	65.2 51.0
55	6SS1 (L2)		_		
55 56	6SS1 (L2) 6SS3 (L2)	Solve measurement problem involving volume		58.4	51.0
55 56 57	6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area		58.4 78.6	51.0 75.3
55 56 57 58	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle		58.4 78.6 71.9	51.0 75.3 68.8
55 56 57 58 59	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations		58.4 78.6 71.9 67.1	51.0 75.3 68.8 63.7
55 56 57 58 59 60	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations		58.4 78.6 71.9 67.1	51.0 75.3 68.8 63.7
55 56 57 58 59 60 <i>Mental Math</i>	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations		58.4 78.6 71.9 67.1 61.8	51.0 75.3 68.8 63.7 60.0
55 56 57 58 59 60 <u>Mental Math</u>	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations		58.4 78.6 71.9 67.1 61.8 89.4	51.0 75.3 68.8 63.7 60.0 87.4
55 56 57 58 59 60 <u>Mental Math</u> 61 62	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio		58.4 78.6 71.9 67.1 61.8 89.4 79.3	51.0 75.3 68.8 63.7 60.0 87.4 76.7
55 56 57 58 59 60 <u>Mental Math</u> 61 62 63	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction		58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
55 56 57 58 59 60 <u>Mental Math</u> 61 62 63 63 64	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number		58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64 65	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9		58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
55 56 57 58 59 60 <u>Mental Math</u> 61 62 63 63 64 65 66	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number		58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64 65 66 66 67	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9		58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0 64.0	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



## Elementary Mathematics Provincial Assessment, June 2012 School Report - Written Response Items

(Item Analysis: % of content answered correctly)

#### District 3 - Nova Central

School #: 157 St. Peter's AG, McCallum Grades: 2,5-6,8-12

Number	Outcome(s) Cognitive Level	Outcome Description	School [N=1]	District [N=914]	<b>Province</b> [N=4,998]
	•				
Number Co	ncepts				
41	6N1 (L1)	Write a given number in written form		38.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	School data	45.5	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	with 5 or	39.7	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	fewer students	50.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	withheld for	31.2	30.3
46	6N3 (L3)	Solve a problem involving factors	reasons of	60.7	55.3
47	6N7 (L3)	Compare the value of two given integers	confidentiality	61.6	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers		48.4	46.4
				40.4	40.4
Pattorns an	d Relations				
r atterns an	la Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation		69.0	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation		36.5	30.2
51	6PR2 (L2)	Create a table of values for a given situation		75.2	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph		67.1	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem		44.2	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression		46.5	39.1
Shape and	Space				
55	6SS1 (L2)	Draw an angle of a given measure		65.7	65.2
56	6SS3 (L2)	Solve measurement problem involving volume		58.4	51.0
56 57	6SS3 (L2) 6SS3 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area		58.4 78.6	51.0 75.3
56 57 58	6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle		58.4 78.6 71.9	51.0 75.3 68.8
56 57 58 59	6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations		58.4 78.6 71.9 67.1	51.0 75.3 68.8 63.7
56 57 58	6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle		58.4 78.6 71.9	51.0 75.3 68.8
56 57 58 59	6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations		58.4 78.6 71.9 67.1	51.0 75.3 68.8 63.7
56 57 58 59	6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations		58.4 78.6 71.9 67.1	51.0 75.3 68.8 63.7
56 57 58 59 60 <u>Mental Mat</u>	6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations		58.4 78.6 71.9 67.1 61.8	51.0 75.3 68.8 63.7 60.0
56 57 58 59 60 <u>Mental Matt</u>	6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) <u>6</u> 6N3 (L1)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations		58.4 78.6 71.9 67.1 61.8 89.4	51.0 75.3 68.8 63.7 60.0 87.4
56 57 58 59 60 <u>Mental Math</u> 61 62	6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) b 6N3 (L1) 6N5 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio		58.4 78.6 71.9 67.1 61.8 89.4 79.3	51.0 75.3 68.8 63.7 60.0 87.4 76.7
56 57 58 59 60 <u>Mental Mat</u> l 61 62 63	6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) <u>6</u> 6N3 (L1) 6N5 (L2) 6N4 (L1)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction		58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
56 57 58 59 60 <u>Mental Math</u> 61 62 63 63 64	6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number		58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
56 57 58 59 60 <u>Mental Math</u> 61 62 63 63 64 65	6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9		58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
56 57 58 59 60 <u>Mental Math</u> 61 62 63 64 65 66	6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number		58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
56 57 58 59 60 <u>Mental Math</u> 61 62 63 64 65 66 66 67	6SS3 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9		58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0 64.0	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 39.7 64.6 61.3
56 57 58 59 60 <u>Mental Math</u> 61 62 63 63 64 65 66 66 67 68	6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9         Apply the order of operations to solve a problem		58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0 64.0 36.4	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3 33.5
56 57 58 59 60 <u>Mental Math</u> 61 62 63 64 65 66 66 67	6SS3 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9		58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0 64.0	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 158 MSB Regional Academy, Middle Arm

Grades: K-12

Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=15]	District [N=914]	<b>Province</b> [N=4,998]
Mumber Co					
Number Col	ncepts				
41	6N1 (L1)	Write a given number in written form	23.3	38.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	30.0	45.5	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	23.3	39.7	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	23.3	50.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	20.0	31.2	30.3
46	6N3 (L3)	Solve a problem involving factors	40.0	60.7	55.3
47	6N7 (L3)	Compare the value of two given integers	43.3	61.6	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	13.3	48.4	46.4
<u>Patterns an</u> 49	<u>d Relations</u> 6PR4 (L2)	Represent an equivalent equation for a given equation	40.0	69.0	63.6
50	6PR1 (L2)	Write a mathematical expression for a given equation	6.7	36.5	30.2
51	6PR2 (L2)	Create a table of values for a given situation	53.3	75.2	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	66.7	67.1	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	36.7	44.2	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	0.0	44.2	39.1
Shape and S	<u>Space</u> 6SS1 (L2)	Draw an angle of a given measure	66.7	65.7	65.2
		Draw an angle of a given measure Solve measurement problem involving volume	<u>66.7</u> 40.0	65.7 58.4	65.2 51.0
55	6SS1 (L2)				_
55 56	6SS1 (L2) 6SS3 (L2)	Solve measurement problem involving volume	40.0	58.4	51.0
55 56 57	6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area	40.0 80.0	58.4 78.6	51.0 75.3
55 56 57 58	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle	40.0 80.0 60.0	58.4 78.6 71.9	51.0 75.3 68.8
55 56 57 58 59	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	40.0 80.0 60.0 23.3	58.4 78.6 71.9 67.1	51.0 75.3 68.8 63.7
55 56 57 58 59 60	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	40.0 80.0 60.0 23.3	58.4 78.6 71.9 67.1	51.0 75.3 68.8 63.7
55 56 57 58 59 60 <i>Mental Math</i>	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	40.0 80.0 60.0 23.3 26.7	58.4 78.6 71.9 67.1 61.8	51.0 75.3 68.8 63.7 60.0
55 56 57 58 59 60 <u>Mental Math</u>	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact	40.0 80.0 60.0 23.3 26.7 92.9	58.4 78.6 71.9 67.1 61.8 89.4	51.0 75.3 68.8 63.7 60.0 87.4
55 56 57 58 59 60 <u>Mental Math</u> 61 62	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio	40.0 80.0 60.0 23.3 26.7 92.9 50.0	58.4 78.6 71.9 67.1 61.8 89.4 79.3	51.0 75.3 68.8 63.7 60.0 87.4 76.7
55 56 57 58 59 60 <u>Mental Math</u> 61 62 63	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction	40.0 80.0 23.3 26.7 92.9 50.0 42.9	58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
55 56 57 58 59 60 <u>Mental Math</u> 61 62 63 63 64	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	40.0 80.0 23.3 26.7 92.9 50.0 42.9 50.0	58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64 65	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	40.0 80.0 23.3 26.7 92.9 50.0 42.9 50.0 35.7	58.4           78.6           71.9           67.1           61.8           89.4           79.3           64.3           66.1           40.4	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
55 56 57 58 59 60 <u>Mental Math</u> 61 62 63 63 64 65 66	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	40.0 80.0 23.3 26.7 92.9 50.0 42.9 50.0 35.7 71.4	58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
55 56 57 58 59 60 <u>Mental Math</u> 61 62 63 63 64 65 66 66 67	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	40.0 80.0 23.3 26.7 92.9 50.0 42.9 50.0 35.7 71.4 64.3	58.4           78.6           71.9           67.1           61.8           89.4           79.3           64.3           66.1           40.4           66.0           64.0	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 3 - Nova Central

School #: 163 Point Learnington Academy, Point Learnington Grades: K-12

ltem Number	Outcome(s) Cognitive Level	Outcome Description	School [N=7]	District [N=914]	<b>Province</b> [N=4,998]
Number Cond	<u>cepts</u>				
41	6N1 (L1)	Write a given number in written form	16.7	38.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	66.7	45.5	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	33.3	39.7	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	58.3	50.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	50.0	31.2	30.3
46	6N3 (L3)	Solve a problem involving factors	83.3	60.7	55.3
47	6N7 (L3)	Compare the value of two given integers	41.7	61.6	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	75.0	48.4	46.4
Patterns and	<u>Relations</u>				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	83.3	69.0	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	50.0	36.5	30.2
51	6PR2 (L2)	Create a table of values for a given situation	83.3	75.2	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	58.3	67.1	59.5
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem	50.0	44.2	36.3 39.1
Shape and Sp					
55	6SS1 (L2)	Draw an angle of a given measure	33.3	65.7	65.2
56 57	6SS3 (L2)	Solve measurement problem involving volume	58.3	58.4	51.0
58	6SS3 (L2) 6SS4 (L2)	Draw a rectangle for a given area Draw a specified triangle	91.7 100.0	78.6 71.9	75.3 68.8
59	6SS6 (L2)	Represent the result of combining transformations	66.7	67.1	63.7
60	6SS6 (L2)	Represent the result of combining transformations	75.0	61.8	60.0
Mental Math			10.0	01.0	00.0
61	6N3 (L1)	Solve a multiplication fact	83.3	89.4	87.4
62	6N5 (L2)	Give an equivalent ratio for a given ratio	83.3	79.3	76.7
63	6N4 (L1)	Give a mixed number for a given improper fraction	83.3	64.3	59.7
64	6N8 (L2)	Find the product of a decimal number and a whole number	50.0	66.1	64.6
65	6N8 (L2)	Solve a problem for division of decimals by a divisor from 1 to 9	50.0	40.4	39.7
66	6N8 (L2)	Estimate the product of a decimal number by a whole number	75.0	66.0	64.6
67	6N8 (L2)	Estimate the quotient for division of decimals by a divisor from 1 to 9	58.3	64.0	61.3
68	6N9 (L1)	Apply the order of operations to solve a problem	50.0	36.4	33.5
69	6SS2 (L2)	Estimate the measure of a given angle	66.7	74.5	73.4
70	6SS2 (L2)	Give the measure of a missing angle in a given triangle	75.0	72.5	68.9

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Source: Division of Evaluation and Research, Department of Education



## Elementary Mathematics Provincial Assessment, June 2012 School Report - Written Response Items

(Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 165 St. Stephen's AG, Rencontre East Grades: K-4,6-7,9-12

ltem Number	Outcome(s) Cognitive Level	Outcome Description	School [N=1]	District [N=914]	<b>Province</b> [N=4,998]
Number Col	ncents				
<u>Ittainiber ooi</u>					
41	6N1 (L1)	Write a given number in written form	- School data	38.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	with 5 or	45.5	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	fewer	39.7	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	students	50.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	withheld for	31.2	30.3
46	6N3 (L3)	Solve a problem involving factors	reasons of	60.7	55.3
47	6N7 (L3)	Compare the value of two given integers	confidentiality	61.6	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers		48.4	46.4
Patterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation		69.0	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation		36.5	30.2
51	6PR2 (L2)	Create a table of values for a given situation		75.2	70.4
		Graph a table of values using a linear graph		67.1	59.5
52	6PR2, 6SP1 (L2)				
	,			44.2	36.3
52 53 54	6PR3 (L2) 6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	-	44.2 46.5	36.3 39.1
53 54 Shape and S	6PR3 (L2) 6PR3 (L2) Space	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression		46.5	39.1
53 54 Shape and 3 55	6PR3 (L2) 6PR3 (L2) Space 6SS1 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression Draw an angle of a given measure		46.5 65.7	39.1 65.2
53 54 Shape and 5 55 56	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume		46.5 65.7 58.4	39.1 65.2 51.0
53 54 Shape and S 55 56 57	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area		46.5 65.7 58.4 78.6	39.1 65.2 51.0 75.3
53 54 <b>Shape and S</b> 55 56 57 58	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle		46.5 65.7 58.4 78.6 71.9	39.1 65.2 51.0 75.3 68.8
53 54 Shape and S 55 56 57	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area		46.5 65.7 58.4 78.6	39.1 65.2 51.0 75.3
53 54 <b>Shape and S</b> 55 56 57 58 59	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations		46.5 65.7 58.4 78.6 71.9 67.1	39.1 65.2 51.0 75.3 68.8 63.7
53 54 <b>Shape and S</b> 55 56 57 58 59 60	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations		46.5 65.7 58.4 78.6 71.9 67.1	39.1 65.2 51.0 75.3 68.8 63.7
53 54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b>	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations		46.5 65.7 58.4 78.6 71.9 67.1 61.8	39.1 65.2 51.0 75.3 68.8 63.7 60.0
53 54 <u>Shape and S</u> 55 56 57 58 59 60 <u>Mental Math</u> 61	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact		46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
53         54         Shape and S         55         56         57         58         59         60         Mental Math         61         62	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio		46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
53           54           Shape and S           55           56           57           58           59           60           Mental Math           61           62           63	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction		46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
53         54         Shape and S         55         56         57         58         59         60         Mental Math         61         62         63         64	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number		46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
53         54         Shape and S         55         56         57         58         59         60         Mental Math         61         62         63         64         65	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9		46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
53         54         Shape and S         55         56         57         58         59         60         Mental Math         61         62         63         64         65         66	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5Dace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Find the product of a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number		46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
53         54         Shape and S         55         56         57         58         59         60         Mental Math         61         62         63         64         65         66         67	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9		46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0 64.0	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



## Elementary Mathematics Provincial Assessment, June 2012 School Report - Written Response Items

(Item Analysis: % of content answered correctly)

#### District 3 - Nova Central

School #: 167 Green Bay South Academy, Robert's Arm Grades: K-6

ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=37]	District [N=914]	<b>Province</b> [N=4,998]
<u>Number Co</u>	ncepts				
41	6N1 (L1)	Write a given number in written form	61.4	38.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	61.4	45.5	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	21.4	39.7	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	71.4	50.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	35.7	31.2	30.3
46	6N3 (L3)	Solve a problem involving factors	85.7	60.7	55.3
47	6N7 (L3)	Compare the value of two given integers	71.4	61.6	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	47.1	48.4	46.4
<u>Patterns an</u>	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	44.1	69.0	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	50.0	36.5	30.2
51	6PR2 (L2)	Create a table of values for a given situation	73.5	75.2	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	72.1	67.1	59.5
53 54	6PR3 (L2)	Write a pattern rule for a given problem	44.1	44.2	36.3
01	0				
Shape and	<u>Space</u>				
55					
	6SS1 (L2)	Draw an angle of a given measure	77.1	65.7	65.2
56	6SS1 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume	77.1 28.6	65.7 58.4	65.2 51.0
-	( )				
56	6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Solve measurement problem involving volume	28.6	58.4	51.0
56 57	6SS3 (L2) 6SS3 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area	28.6 74.3	58.4 78.6	51.0 75.3
56 57 58	6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle	28.6 74.3 85.7	58.4 78.6 71.9	51.0 75.3 68.8
56 57 58 59	6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	28.6 74.3 85.7 38.6	58.4 78.6 71.9 67.1	51.0 75.3 68.8 63.7
56 57 58 59 60	6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	28.6 74.3 85.7 38.6	58.4 78.6 71.9 67.1	51.0 75.3 68.8 63.7
56 57 58 59 60 <i>Mental Matt</i>	6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	28.6 74.3 85.7 38.6 55.7	58.4 78.6 71.9 67.1 61.8	51.0 75.3 68.8 63.7 60.0
56 57 58 59 60 <i>Mental Matl</i>	6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	28.6 74.3 85.7 38.6 55.7 88.6	58.4 78.6 71.9 67.1 61.8 89.4	51.0 75.3 68.8 63.7 60.0 87.4
56 57 58 59 60 <u>Mental Matt</u> 61 62	6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	28.6 74.3 85.7 38.6 55.7 88.6 52.9	58.4 78.6 71.9 67.1 61.8 89.4 79.3	51.0 75.3 68.8 63.7 60.0 87.4 76.7
56 57 58 59 60 <u>Mental Matt</u> 61 62 63	6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	28.6 74.3 85.7 38.6 55.7 88.6 52.9 80.0	58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
56 57 58 59 60 <u>Mental Matt</u> 61 62 63 63 64	6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	28.6 74.3 85.7 38.6 55.7 88.6 52.9 80.0 71.4	58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
56 57 58 59 60 <u>Mental Matt</u> 61 62 63 63 64 65	6SS3 (L2) 6SS3 (L2) 6SS3 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	28.6 74.3 85.7 38.6 55.7 88.6 52.9 80.0 71.4 22.9	58.4           78.6           71.9           67.1           61.8           89.4           79.3           64.3           66.1           40.4	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
56           57           58           59           60           Mental Math           61           62           63           64           65           66	6SS3 (L2) 6SS3 (L2) 6SS3 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	28.6 74.3 85.7 38.6 55.7 88.6 52.9 80.0 71.4 22.9 48.6	58.4           78.6           71.9           67.1           61.8           89.4           79.3           64.3           66.1           40.4           66.0	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
56 57 58 59 60 <u>Mental Math</u> 61 62 63 63 64 65 66 66 67	6SS3 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	28.6 74.3 85.7 38.6 55.7 88.6 52.9 80.0 71.4 22.9 48.6 52.9	58.4           78.6           71.9           67.1           61.8           89.4           79.3           64.3           66.1           40.4           66.0           64.0	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



## Elementary Mathematics Provincial Assessment, June 2012 School Report - Written Response Items

(Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 174 St. Peter's Academy, Westport Grades: K-1,4-7,9-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=2]	District [N=914]	<b>Province</b> [N=4,998]
<u>Number Co</u>	ncepts				
41	6N1 (L1)	Write a given number in written form		38.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	School data	45.5	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	with 5 or fewer	39.7	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	students	50.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	withheld for	31.2	30.3
46	6N3 (L3)	Solve a problem involving factors	reasons of	60.7	55.3
47	6N7 (L3)	Compare the value of two given integers	confidentiality	61.6	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers		48.4	46.4
<u>Patterns an</u>	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation		69.0	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation		36.5	30.2
51	6PR2 (L2)	Create a table of values for a given situation		75.2	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph		67.1	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	-	44.2	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression		44.2	39.1
Shape and					
55	6SS1 (L2)	Draw an angle of a given measure	_	65.7	65.2
56	6SS3 (L2)	Solve measurement problem involving volume	-	58.4	51.0
57	6SS3 (L2)	Draw a rectangle for a given area		78.6	75.3
58	6SS4 (L2)	Draw a specified triangle	-	71.9	68.8
59 60	6SS6 (L2) 6SS6 (L2)	Represent the result of combining transformations Represent the result of combining transformations	-	67.1 61.8	63.7 60.0
Mental Math				01.0	00.0
61	6N3 (L1)	Solve a multiplication fact		89.4	87.4
62	6N5 (L2)	Give an equivalent ratio for a given ratio	-	79.3	76.7
63	6N4 (L1)	Give a mixed number for a given improper fraction		64.3	59.7
64	6N8 (L2)	Find the product of a decimal number and a whole number		66.1	64.6
65	6N8 (L2)	Solve a problem for division of decimals by a divisor from 1 to 9	1	40.4	39.7
66	6N8 (L2)	Estimate the product of a decimal number by a whole number		66.0	64.6
67	6N8 (L2)	Estimate the quotient for division of decimals by a divisor from 1 to 9		64.0	61.3
68	6N9 (L1)	Apply the order of operations to solve a problem	-	36.4	33.5
69	6SS2 (L2)	Estimate the measure of a given angle		74.5	73.4
70	6SS2 (L2)	Give the measure of a missing angle in a given triangle	-	74.5	68.9
10		ene are modelare of a moonly angle in a given mangle		12.5	00.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 177 Greenwood Academy, Campbellton

Grades: K-9

Number	Outcome(s) Cognitive Level	Outcome Description	School [N=16]	District [N=914]	<b>Province</b> [N=4,998]
Number Co	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form	26.7	38.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	16.7	45.5	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	30.0	39.7	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	50.0	50.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	40.0	31.2	30.3
46	6N3 (L3)	Solve a problem involving factors	53.3	60.7	55.3
47	6N7 (L3)	Compare the value of two given integers	63.3	61.6	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	30.0	48.4	46.4
Patterns an	<u>d Relations</u>				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	60.0	69.0	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	13.3	36.5	30.2
51	6PR2 (L2)	Create a table of values for a given situation	80.0	75.2	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	63.3	67.1	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	50.0	44.2	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	56.7	46.5	39.1
Shape and	<b>C</b>				
55		Draw an angle of a given measure	100.0	65.7	65.2
	6SS1 (L2)	Draw an angle of a given measure Solve measurement problem involving volume	100.0	65.7 58.4	65.2 51.0
55				-	65.2 51.0 75.3
55 56	6SS1 (L2) 6SS3 (L2)	Solve measurement problem involving volume	66.7	58.4	51.0
55 56 57	6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area	66.7 90.0	58.4 78.6	51.0 75.3
55 56 57 58	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle	66.7 90.0 100.0	58.4 78.6 71.9	51.0 75.3 68.8
55 56 57 58 59	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	66.7 90.0 100.0 83.3	58.4 78.6 71.9 67.1	51.0 75.3 68.8 63.7
55 56 57 58 59 60 <i>Mental Math</i>	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact	66.7 90.0 100.0 83.3 70.0 93.3	58.4 78.6 71.9 67.1 61.8 89.4	51.0 75.3 68.8 63.7 60.0 87.4
55 56 57 58 59 60 <i>Mental Math</i>	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	66.7 90.0 100.0 83.3 70.0	58.4 78.6 71.9 67.1 61.8	51.0 75.3 68.8 63.7 60.0
55 56 57 58 59 60 <u>Mental Matt</u> 61 62 63	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	66.7 90.0 100.0 83.3 70.0 93.3	58.4 78.6 71.9 67.1 61.8 89.4	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	66.7 90.0 100.0 83.3 70.0 93.3 100.0	58.4 78.6 71.9 67.1 61.8 89.4 79.3	51.0 75.3 68.8 63.7 60.0 87.4 76.7
55 56 57 58 59 60 <u>Mental Matt</u> 61 62 63 63 64 65	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	66.7 90.0 100.0 83.3 70.0 93.3 100.0 66.7 66.7 40.0	58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	66.7 90.0 100.0 83.3 70.0 93.3 100.0 66.7 66.7	58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
55 56 57 58 59 60 <u>Mental Matt</u> 61 62 63 63 64 65	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	66.7 90.0 100.0 83.3 70.0 93.3 100.0 66.7 66.7 40.0	58.4           78.6           71.9           67.1           61.8           89.4           79.3           64.3           66.1           40.4	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
55           56           57           58           59           60 <i>Mental Math</i> 61           62           63           64           65           66	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	66.7 90.0 100.0 83.3 70.0 93.3 100.0 66.7 66.7 40.0 90.0	58.4           78.6           71.9           67.1           61.8           89.4           79.3           64.3           66.1           40.4           66.0	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
55 56 57 58 59 60 <u>Mental Math</u> 61 62 63 63 64 65 66 66 67	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	66.7 90.0 100.0 83.3 70.0 93.3 100.0 66.7 66.7 40.0 90.0 76.7	58.4           78.6           71.9           67.1           61.8           89.4           79.3           64.3           66.1           40.4           66.0           64.0	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

District 3 - Nova Central

# School #: 178 Phoenix Academy, Carmanville

Grades: K-12

Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=25]	District [N=914]	<b>Provinc</b> [N=4,998
lumber Co	ncepts				
41	6N1 (L1)	Write a given number in written form	37.0	38.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	56.5	45.5	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	50.0	39.7	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	32.6	50.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	8.7	31.2	30.3
46	6N3 (L3)	Solve a problem involving factors	34.8	60.7	55.3
47	6N7 (L3)	Compare the value of two given integers	45.7	61.6	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	34.8	48.4	46.4
Patterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	59.1	69.0	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	9.1	36.5	30.2
51	6PR2 (L2)	Create a table of values for a given situation	52.3	75.2	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	50.0	67.1	59.5
	6PR3 (L2)	Write a pattern rule for a given problem	25.0	44.2	36.3
53					00.0
53 54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	31.8	46.5	39.1
54 hape and s	6PR3 (L2)				
54 <b>hape and 5</b> 55	6PR3 (L2) Space 6SS1 (L2)	Draw an angle of a given measure	52.3	65.7	65.2
54 hape and s	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume	52.3 56.8	65.7 58.4	65.2 51.0
54 hape and 5 55 56	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area	52.3	65.7 58.4 78.6	65.2
54 hape and 5 55 56 57	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle	52.3 56.8 88.6 50.0	65.7 58.4 78.6 71.9	65.2 51.0 75.3 68.8
54 hape and 5 55 56 57 58	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area	52.3 56.8 88.6	65.7 58.4 78.6	65.2 51.0 75.3 68.8 63.7
54 55 56 57 58 59 60 Mental Math	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	52.3 56.8 88.6 50.0 38.6 54.6	65.7 58.4 78.6 71.9 67.1 61.8	65.2 51.0 75.3 68.8 63.7 60.0
54 hape and 3 55 56 57 58 59 60 Mental Math 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	52.3 56.8 88.6 50.0 38.6 54.6 93.8	65.7 58.4 78.6 71.9 67.1 61.8 89.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 hape and 3 55 56 57 58 59 60 Mental Math 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio	52.3 56.8 88.6 50.0 38.6 54.6 93.8 70.8	65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54 hape and 3 55 56 57 58 59 60 Mental Math 61 62 63	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction	52.3 56.8 88.6 50.0 38.6 54.6 93.8 70.8 54.2	65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
54 hape and 3 55 56 57 58 59 60 ental Math 61 62 63 64	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number	52.3 56.8 88.6 50.0 38.6 54.6 93.8 70.8 54.2 41.7	65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
54 hape and 3 55 56 57 58 59 60 Mental Math 61 62 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	52.3 56.8 88.6 50.0 38.6 54.6 93.8 70.8 54.2 41.7 20.8	65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
54 hape and 3 55 56 57 58 59 60 <i>lental Math</i> 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number	52.3 56.8 88.6 50.0 38.6 54.6 93.8 70.8 54.2 41.7 20.8 50.0	65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
54 hape and 3 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number	52.3 56.8 88.6 50.0 38.6 54.6 93.8 70.8 54.2 41.7 20.8	65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
54 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6NS (L2) 6N4 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number Estimate the quotient for division of decimals by a divisor from 1 to 9 Apply the order of operations to solve a problem	52.3 56.8 88.6 50.0 38.6 54.6 93.8 70.8 54.2 41.7 20.8 50.0	65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
54 hape and 3 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number	52.3 56.8 88.6 50.0 38.6 54.6 93.8 70.8 54.2 41.7 20.8 50.0 39.6	65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0 64.0	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



### Elementary Mathematics Provincial Assessment, June 2012 School Report - Written Response Items

(Item Analysis: % of content answered correctly)

#### District 3 - Nova Central

School #: 179 Centreville Academy, Centreville-Wareham Grades: K-9

Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=8]	District [N=914]	Province [N=4,998]
Number Co					
Number Co	ncepts				
41	6N1 (L1)	Write a given number in written form	75.0	38.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	62.5	45.5	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	56.3	39.7	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	75.0	50.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	43.8	31.2	30.3
46	6N3 (L3)	Solve a problem involving factors	93.8	60.7	55.3
47	6N7 (L3)	Compare the value of two given integers	62.5	61.6	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	56.3	48.4	46.4
<u>Patterns an</u>	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	75.0	69.0	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	18.8	36.5	30.2
51	6PR2 (L2)	Create a table of values for a given situation	93.8	75.2	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	93.8	67.1	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	62.5	44.2	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	68.8	46.5	39.1
Shape and	Space				
<u>Shape and s</u> 55	<b>Space</b> 6SS1 (L2)	Draw an angle of a given measure	100.0	65.7	65.2
<u>Shape and 55</u> 55	Space 6SS1 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume	100.0 75.0	65.7 58.4	65.2 51.0
<u>Shape and 55</u> 56 57	<u>Space</u> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area	100.0 75.0 100.0	65.7 58.4 78.6	65.2 51.0 75.3
<u>Shape and 55</u> 56 57 58	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle	100.0 75.0 100.0 87.5	65.7 58.4 78.6 71.9	65.2 51.0 75.3 68.8
<u>Shape and 5</u> 55 56 57	<u>Space</u> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area	100.0 75.0 100.0	65.7 58.4 78.6	65.2 51.0 75.3
<u>Shape and</u> 55 56 57 58 59	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	100.0 75.0 100.0 87.5 62.5	65.7 58.4 78.6 71.9 67.1	65.2 51.0 75.3 68.8 63.7
<u>Shape and</u> 55 56 57 58 59 60	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	100.0 75.0 100.0 87.5 62.5	65.7 58.4 78.6 71.9 67.1	65.2 51.0 75.3 68.8 63.7
<u>Shape and </u> 55 56 57 58 59 60 <u>Mental Math</u>	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	100.0 75.0 100.0 87.5 62.5 81.3	65.7 58.4 78.6 71.9 67.1 61.8	65.2 51.0 75.3 68.8 63.7 60.0
<u>Shape and 55</u> 56 57 58 59 60 <u>Mental Math</u>	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	100.0 75.0 100.0 87.5 62.5 81.3 85.7	65.7 58.4 78.6 71.9 67.1 61.8 89.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4
<u>Shape and 55</u> 56 57 58 59 60 <u>Mental Matt</u> 61 62	Space         6SS1 (L2)         6SS3 (L2)         6SS3 (L2)         6SS4 (L2)         6SS4 (L2)         6SS6 (L2)         6 (L2) <th< td=""><td>Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio</td><td>100.0 75.0 100.0 87.5 62.5 81.3 85.7 100.0</td><td>65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3</td><td>65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7</td></th<>	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio	100.0 75.0 100.0 87.5 62.5 81.3 85.7 100.0	65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
Shape and 55 56 57 58 59 60 <u>Mental Matt</u> 61 62 63	Space         6SS1 (L2)         6SS3 (L2)         6SS3 (L2)         6SS4 (L2)         6SS6 (L2)         6 (L1)         6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction	100.0 75.0 100.0 87.5 62.5 81.3 85.7 100.0 85.7	65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
Shape and           55           56           57           58           59           60           Mental Math           61           62           63           64	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)           6SS6 (L2)           6N3 (L1)           6N4 (L1)           6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number	100.0 75.0 100.0 87.5 62.5 81.3 85.7 100.0 85.7 57.1	65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
<u>Shape and</u> 55 56 57 58 59 60 <u>Mental Math</u> 61 62 63 63 64 65	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9	100.0 75.0 100.0 87.5 62.5 81.3 85.7 100.0 85.7 57.1 71.4	65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
<u>Shape and</u> 55 56 57 58 59 60 <u>Mental Matt</u> 61 62 63 63 64 65 66	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number	100.0 75.0 100.0 87.5 62.5 81.3 85.7 100.0 85.7 57.1 71.4 78.6	65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
Shape and 55 56 57 58 59 60 <u>Mental Matt</u> 61 62 63 63 64 65 66 66 67	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the quotient for division of decimals by a divisor from 1 to 9	100.0 75.0 100.0 87.5 62.5 81.3 85.7 100.0 85.7 57.1 71.4 78.6 92.9	65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0 64.0	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 3 - Nova Central

School #: 180 A. R. Scammell Academy, Change Islands

Grades: K-12

ltem Number	Outcome(s) Cognitive Level	Outcome Description	School [N=2]	District [N=914]	<b>Provinc</b> [N=4,998]
umber Cor	ncepts				
41	6N1 (L1)	Write a given number in written form	Cohool data	38.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	School data with 5 or	45.5	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	fewer	39.7	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	students	50.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	withheld for	31.2	30.3
46	6N3 (L3)	Solve a problem involving factors	reasons of	60.7	55.3
47	6N7 (L3)	Compare the value of two given integers	confidentiality	61.6	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers		48.4	46.4
atterns and	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation		69.0	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation		36.5	30.2
51	6PR2 (L2)	Create a table of values for a given situation		75.2	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph		67.1	59.5
02					
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression		44.2 46.5	36.3 39.1
53 54	6PR3 (L2)				
53 54 hape and \$	6PR3 (L2)	Represent a pattern rule as a mathematical expression		46.5	39.1
53 54 hape and \$	6PR3 (L2) Space 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure		46.5 65.7	39.1 65.2
53 54 hape and \$ 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume		46.5 65.7 58.4	39.1 65.2 51.0
53 54 hape and \$ 55 56 57	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area		46.5 65.7 58.4 78.6	39.1 65.2 51.0 75.3
53 54 hape and \$ 55 56 57 58	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle		46.5 65.7 58.4 78.6 71.9	39.1 65.2 51.0 75.3 68.8
53 54 hape and \$ 55 56 57	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area		46.5 65.7 58.4 78.6	39.1 65.2 51.0 75.3
53 54 hape and \$ 55 56 57 58 59	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations		46.5 65.7 58.4 78.6 71.9 67.1	39.1 65.2 51.0 75.3 68.8 63.7
53 54 hape and \$ 55 56 57 58 59 60	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations		46.5 65.7 58.4 78.6 71.9 67.1	39.1 65.2 51.0 75.3 68.8 63.7
53 54 hape and \$ 55 56 57 58 59 60 ental Math	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations		46.5 65.7 58.4 78.6 71.9 67.1 61.8	39.1 65.2 51.0 75.3 68.8 63.7 60.0
53 54 hape and \$ 55 56 57 58 59 60 ental Math 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact		46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
53 54 hape and \$ 55 56 57 58 59 60 lental Math 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio		46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
53 54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction		46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7
53 54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63 63 64	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number		46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6
53 54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9		46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7
53 54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number		46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6
53           54           hape and \$           55           56           57           58           59           60           dental Math           61           62           63           64           65           66           67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9		46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0 64.0	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6           61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

District 3 - Nova Central

#### School #: 183 William Mercer Academy, Dover

Grades: K-9

ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=13]	District [N=914]	<b>Proving</b> [N=4,998
lumber Co	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form	25.0	38.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	83.3	45.5	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	37.5	39.7	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	66.7	50.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	33.3	31.2	30.3
46	6N3 (L3)	Solve a problem involving factors	70.8	60.7	55.3
47	6N7 (L3)	Compare the value of two given integers	87.5	61.6	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	54.2	48.4	46.4
Patterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	83.3	69.0	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	62.5	36.5	30.2
51	6PR2 (L2)	Create a table of values for a given situation	79.2	75.2	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	66.7	67.1	59.5
52	,		58.3	44.2	36.3
E2	6002 (12)			44./	
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	87.5	46.5	39.1
54 Shape and S	6PR3 (L2) Space	Represent a pattern rule as a mathematical expression	87.5	46.5	39.1
54 Shape and 5 55	6PR3 (L2) <b>Space</b> 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	87.5	46.5	<u>39.1</u> 65.2
54 Shape and S	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	87.5 66.7 66.7	46.5 65.7 58.4	39.1 65.2 51.0
54 Shape and 3 55 56	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	87.5	46.5 65.7 58.4 78.6	39.1 65.2 51.0 75.3
54 Shape and 5 55 56 57	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	87.5 66.7 66.7 79.2 91.7	46.5 65.7 58.4 78.6 71.9	39.1 65.2 51.0 75.3 68.8
54 Shape and 3 55 56 57 58	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	87.5 66.7 66.7 79.2	46.5 65.7 58.4 78.6	39.1 65.2 51.0 75.3 68.8 63.7
54 Shape and 3 55 56 57 58 59 60	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	87.5 66.7 66.7 79.2 91.7 58.3	46.5 65.7 58.4 78.6 71.9 67.1	39.1 65.2 51.0 75.3 68.8 63.7
54 55 56 57 58 59 60 Mental Math 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	87.5 66.7 66.7 79.2 91.7 58.3	46.5 65.7 58.4 78.6 71.9 67.1	39.1 65.2 51.0 75.3 68.8 63.7 60.0
54 55 56 57 58 59 60 Mental Math	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	87.5 66.7 79.2 91.7 58.3 37.5	46.5 65.7 58.4 71.9 67.1 61.8	
54 55 56 57 58 59 60 Mental Math 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	87.5 66.7 79.2 91.7 58.3 37.5 83.3	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54 55 56 57 58 59 60 Mental Math 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1) 6N5 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	87.5 66.7 79.2 91.7 58.3 37.5 83.3 91.7	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	87.5 66.7 79.2 91.7 58.3 37.5 83.3 91.7 50.0	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6
54 55 56 57 58 59 60 Mental Math 61 62 63 64	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	87.5 66.7 79.2 91.7 58.3 37.5 83.3 91.7 50.0 83.3	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7
54 55 56 57 58 59 60 <b>fental Matt</b> 61 62 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	87.5 66.7 79.2 91.7 58.3 37.5 83.3 91.7 50.0 83.3 33.3	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
54           Shape and 3           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	87.5 66.7 79.2 91.7 58.3 37.5 83.3 91.7 50.0 83.3 33.3 70.8	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6
54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	87.5 66.7 79.2 91.7 58.3 37.5 83.3 91.7 50.0 83.3 33.3 70.8 70.8	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0 64.0	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6           61.3

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Source: Division of Evaluation and Research, Department of Education



# Elementary Mathematics Provincial Assessment, June 2012 School Report - Written Response Items

(Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 188 Sandstone Academy, Ladle Cove Grades: K-3,5-6

ltem Number	Outcome(s) Cognitive Level	Outcome Description	School [N=4]	District [N=914]	<b>Province</b> [N=4,998]
Number Cou					
<u>Number Cor</u>	ncepts				
41	6N1 (L1)	Write a given number in written form		38.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	School data with 5 or	45.5	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	fewer	39.7	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	students	50.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	withheld for	31.2	30.3
46	6N3 (L3)	Solve a problem involving factors	reasons of	60.7	55.3
47	6N7 (L3)	Compare the value of two given integers	confidentiality	61.6	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers		48.4	46.4
Patterns and	d Relations				
49		Performent on equivalent equation for a given equation		60.0	62.6
49 50	6PR4 (L2) 6PR1 (L2)	Represent an equivalent equation for a given equation Write a mathematical expression for a given situation	-	69.0 36.5	63.6 30.2
51	6PR2 (L2)	Create a table of values for a given situation		75.2	70.4
	. ,	Graph a table of values using a linear graph	-	67.1	59.5
52		Giapii a lable of values using a lifear graph		07.1	1
52	6PR2, 6SP1 (L2)	· · · · · · · · · · · · · · · · · · ·		44.0	
52 53 54	6PR3 (L2) 6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression		44.2 46.5	36.3 39.1
53 54 Shape and S	6PR3 (L2) 6PR3 (L2) 5pace	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression		46.5	39.1
53 54 <b>Shape and S</b> 55	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure		46.5 65.7	<u>39.1</u> 65.2
53 54 <i>Shape and S</i> 55 56	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume		46.5 65.7 58.4	39.1 65.2 51.0
53 54 <b>Shape and S</b> 55 56 57	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area		46.5 65.7 58.4 78.6	39.1 65.2 51.0 75.3
53 54 <b>Shape and S</b> 55 56 57 58	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle		46.5 65.7 58.4 78.6 71.9	39.1 65.2 51.0 75.3 68.8
53 54 <b>Shape and S</b> 55 56 57 58 59	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations		46.5 65.7 58.4 78.6 71.9 67.1	39.1 65.2 51.0 75.3 68.8 63.7
53 54 <b>Shape and S</b> 55 56 57 58 59 60	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5Dace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle		46.5 65.7 58.4 78.6 71.9	39.1 65.2 51.0 75.3 68.8
53 54 <b>Shape and S</b> 55 56 57 58 59	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5Dace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations		46.5 65.7 58.4 78.6 71.9 67.1	39.1 65.2 51.0 75.3 68.8 63.7
53 54 55 55 56 57 58 59 60	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5Dace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations		46.5 65.7 58.4 78.6 71.9 67.1	39.1         65.2         51.0         75.3         68.8         63.7         60.0
53 54 <u>Shape and S</u> 55 56 57 58 59 60 <u>Mental Math</u>	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5Dace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations		46.5 65.7 58.4 78.6 71.9 67.1 61.8	39.1 65.2 51.0 75.3 68.8 63.7
53 54 <u>Shape and S</u> 55 56 57 58 59 60 <u>Mental Math</u> 61	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5Dace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact		46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
53 54 54 55 55 56 57 58 59 60 <u>Mental Math</u> 61 62	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio		46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3	39.1         65.2         51.0         75.3         68.8         63.7         60.0         87.4         76.7
53 54 <u>Shape and S</u> 55 56 57 58 59 60 <u>Mental Math</u> 61 62 63	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction		46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3	39.1         65.2         51.0         75.3         68.8         63.7         60.0         87.4         76.7         59.7
53         54         Shape and S         55         56         57         58         59         60         Mental Math         61         62         63         64	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number		46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6
53 54 54 55 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64 65	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9		46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7
53         54         Shape and S         55         56         57         58         59         60         Mental Math         61         62         63         64         65         66	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5Dace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number		46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0	39.1         65.2         51.0         75.3         68.8         63.7         60.0         87.4         76.7         59.7         64.6         39.7         64.6
53         54         Shape and S         55         56         57         58         59         60         Mental Math         61         62         63         64         65         66         67	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9		46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0 64.0	39.1         65.2         51.0         75.3         68.8         63.7         60.0         87.4         76.7         59.7         64.6         39.7         64.6         61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 189 Lewisporte Academy, Lewisporte

Grades: K-6

ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=52]	District [N=914]	<b>Provinc</b> [N=4,998]
lumber Col	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form	48.0	38.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	60.0	45.5	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	43.0	39.7	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	57.0	50.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	42.0	31.2	30.3
46	6N3 (L3)	Solve a problem involving factors	63.0	60.7	55.3
47	6N7 (L3)	Compare the value of two given integers	67.0	61.6	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	50.0	48.4	46.4
Patterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	84.0	69.0	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	40.4	36.5	30.2
51	6PR2 (L2)	Create a table of values for a given situation	83.0	75.2	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	72.3	67.1	59.5
-		Write a pattern rule for a given problem	45.7	44.2	36.3
53	6PR3 (12)				
53 54	6PR3 (L2) 6PR3 (L2)	Represent a pattern rule as a mathematical expression	60.6	46.5	39.1
54	6PR3 (L2) Space 6SS1 (L2)				
54 hape and 5 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	60.6	46.5	39.1
54 hape and 5 55 56 57	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	60.6 66.0 69.2 87.2	46.5 65.7 58.4 78.6	65.2 51.0 75.3
54 hape and 5 55 56 57 58	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	60.6 66.0 69.2 87.2 80.9	46.5 65.7 58.4 78.6 71.9	39.1           65.2           51.0           75.3           68.8
54 hape and 5 55 56 57 58 59	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	60.6 66.0 69.2 87.2 80.9 84.0	46.5 65.7 58.4 78.6 71.9 67.1	39.1           65.2           51.0           75.3           68.8           63.7
54 <b>Shape and S</b> 55 56 57 58	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	60.6 66.0 69.2 87.2 80.9	46.5 65.7 58.4 78.6 71.9	39.1           65.2           51.0           75.3           68.8
54 <i>hape and</i> 5 55 56 57 58 59 60	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	60.6 66.0 69.2 87.2 80.9 84.0	46.5 65.7 58.4 78.6 71.9 67.1	39.1 65.2 51.0 75.3 68.8 63.7
54 hape and 5 55 56 57 58 59 60	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	60.6 66.0 69.2 87.2 80.9 84.0	46.5 65.7 58.4 78.6 71.9 67.1	39.1           65.2           51.0           75.3           68.8           63.7
54 hape and 3 55 56 57 58 59 60	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	60.6 66.0 69.2 87.2 80.9 84.0 78.7	46.5 65.7 58.4 78.6 71.9 67.1 61.8	39.1           65.2           51.0           75.3           68.8           63.7           60.0
54 hape and \$ 55 56 57 58 59 60 lental Math 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	60.6 66.0 69.2 87.2 80.9 84.0 78.7 90.2	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 hape and 5 55 56 57 58 59 60 Mental Math 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	60.6 66.0 69.2 87.2 80.9 84.0 78.7 90.2 76.5	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7
54 hape and \$ 55 56 57 58 59 60 Mental Math 61 62 63	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	60.6 66.0 69.2 87.2 80.9 84.0 78.7 90.2 76.5 68.6	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7
54 <i>hape and</i> 5 55 56 57 58 59 60 <i>Mental Math</i> 61 62 63 64	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	60.6 66.0 69.2 87.2 80.9 84.0 78.7 90.2 76.5 68.6 72.6	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6
54 hape and 3 55 56 57 58 59 60 Mental Math 61 62 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	60.6 66.0 69.2 87.2 80.9 84.0 78.7 90.2 76.5 68.6 72.6 49.0	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7
54 hape and 3 55 56 57 58 59 60 hental Math 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	60.6 66.0 69.2 87.2 80.9 84.0 78.7 90.2 76.5 68.6 72.6 49.0 59.8	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6
54 hape and S 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	60.6 66.0 69.2 87.2 80.9 84.0 78.7 90.2 76.5 68.6 72.6 49.0 59.8 47.1	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0 64.0	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6           61.3

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Source: Division of Evaluation and Research, Department of Education



# Elementary Mathematics Provincial Assessment, June 2012 School Report - Written Response Items

(Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 192 Lumsden Academy, Lumsden Grades: K-9

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=10]	District [N=914]	<b>Province</b> [N=4,998]
<u>Number Co</u>	rents				
<u>Number Ool</u>					
41	6N1 (L1)	Write a given number in written form	35.0	38.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	50.0	45.5	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	65.0	39.7	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	70.0	50.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	45.0	31.2	30.3
46	6N3 (L3)	Solve a problem involving factors	50.0	60.7	55.3
47	6N7 (L3)	Compare the value of two given integers	70.0	61.6	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	60.0	48.4	46.4
Patterns and			00.0	00.0	00.0
49 50	6PR4 (L2)	Represent an equivalent equation for a given equation	88.9	69.0	63.6
<u> </u>	6PR1 (L2) 6PR2 (L2)	Write a mathematical expression for a given situation Create a table of values for a given situation	22.2 77.8	36.5 75.2	30.2 70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	44.4	67.1	59.5
53	6PR3 (L2)			44.2	-
54	6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	27.8 77.8	44.2	36.3 39.1
<u>Shape and S</u> 55	<u>Space</u> 6SS1 (L2)	Draw an angle of a given measure	100.0	65.7	65.2
56	6SS3 (L2)	Solve measurement problem involving volume	50.0	58.4	51.0
57	6SS3 (L2)	Draw a rectangle for a given area	66.7	78.6	75.3
58	6SS4 (L2)	Draw a specified triangle	66.7	71.9	68.8
59	6SS6 (L2)	Represent the result of combining transformations	55.6	67.1	63.7
60	6SS6 (L2)	Represent the result of combining transformations	66.7	61.8	60.0
<u>Mental Math</u>	!				
61	6N3 (L1)	Solve a multiplication fact	80.0	89.4	87.4
62	6N5 (L2)	Give an equivalent ratio for a given ratio	90.0	79.3	76.7
63	6N4 (L1)	Give a mixed number for a given improper fraction	60.0	64.3	59.7
64	6N8 (L2)	Find the product of a decimal number and a whole number	85.0	66.1	64.6
65	6N8 (L2)	Solve a problem for division of decimals by a divisor from 1 to 9	55.0	40.4	39.7
66	6N8 (L2)	Estimate the product of a decimal number by a whole number	25.0	66.0	64.6
67	6N8 (L2)	Estimate the quotient for division of decimals by a divisor from 1 to 9	25.0	64.0	61.3
68	6N9 (L1)	Apply the order of operations to solve a problem	25.0	36.4	33.5
69	6SS2 (L2)	Estimate the measure of a given angle	80.0	74.5	73.4
70	6SS2 (L2)	Give the measure of a missing angle in a given triangle	65.0	72.5	68.9

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Source: Division of Evaluation and Research, Department of Education



#### Elementary Mathematics Provincial Assessment, June 2012 School Report - Written Response Items

(Item Analysis: % of content answered correctly)

#### District 3 - Nova Central

School #: 194 Gill Memorial Academy, Musgrave Harbour Grades: K-12

ltem Number	Outcome(s) Cognitive Level	Outcome Description	School [N=14]	District [N=914]	<b>Province</b> [N=4,998]
<u>Number Co</u>	ncepts				
44	CN14 (1.4)	Write a given gumber in written form	00.0	20.0	20.0
41 42	6N1 (L1) 6N1 (L2)	Write a given number in written form Write numbers located betweeen two givien numbers	28.6 7.1	38.0 45.5	36.2 43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	46.4	39.7	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	42.9	50.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	35.7	31.2	30.3
46	6N3 (L3)	Solve a problem involving factors	57.1	60.7	55.3
47	6N7 (L3)	Compare the value of two given integers	60.7	61.6	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	64.3	48.4	46.4
Patterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	64.3	69.0	63.6
49 50	6PR1 (L2)	Write a mathematical expression for a given situation	32.1	36.5	30.2
51	6PR2 (L2)	Create a table of values for a given situation	60.7	75.2	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	82.1	67.1	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	17.9	44.2	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	25.0	46.5	39.1
Shape and 55	6SS1 (L2)	Draw an angle of a given measure	85.7	65.7	65.2
56	6SS3 (L2)	Solve measurement problem involving volume	35.7	58.4	51.0
57	6SS3 (L2)	Draw a rectangle for a given area	92.9	78.6	75.3
58	6SS4 (L2)	Draw a specified triangle	85.7	71.9	68.8
59 60	6SS6 (L2) 6SS6 (L2)	Represent the result of combining transformations Represent the result of combining transformations	85.7 71.4	67.1 61.8	63.7 60.0
Mental Math			71.4	01.0	00.0
61	6N3 (L1)	Solve a multiplication fact	89.3	89.4	87.4
62	6N5 (L2)	Give an equivalent ratio for a given ratio	92.9	79.3	76.7
63	6N4 (L1)	Give a mixed number for a given improper fraction	78.6	64.3	59.7
64 65	6N8 (L2) 6N8 (L2)	Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9	85.7	66.1 40.4	64.6 39.7
66	6N8 (L2)	Estimate the product of a decimal number by a whole number	28.6 60.7	40.4 66.0	64.6
67	6N8 (L2)	Estimate the product of a decimal number by a whole number Estimate the quotient for division of decimals by a divisor from 1 to 9	50.0	64.0	61.3
68	6N9 (L1)	Apply the order of operations to solve a problem		36.4	
69	6SS2 (L2)		35.7		33.5
69 70	( )	Estimate the measure of a given angle Give the measure of a missing angle in a given triangle	82.1 92.9	74.5	73.4 68.9
70	6SS2 (L2)	Give the measure of a missing angle in a given thangle	92.9	72.5	68.9

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 196 St. Gabriel's AG, St. Brendan's Grades: K-1,4-12

ltem lumber	Outcome(s) Cognitive Level	Outcome Description	School [N=2]	District [N=914]	<b>Provinc</b> [N=4,998]
umber Co	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form		38.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	School data with 5 or	45.5	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	fewer	39.7	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	students	50.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	withheld for	31.2	30.3
46	6N3 (L3)	Solve a problem involving factors	reasons of	60.7	55.3
47	6N7 (L3)	Compare the value of two given integers	confidentiality	61.6	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers		48.4	46.4
atterns an	nd Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation		69.0	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	-	36.5	30.2
51	6PR2 (L2)	Create a table of values for a given situation		75.2	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	-	67.1	59.5
	$(\underline{L}\underline{L})$	Chapit à table of Values dellig à linear graph	-	07.1	-
	6DD2 (1 2)	Write a pattern rule for a given problem		44.2	26.2
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression		44.2 46.5	36.3 39.1
53 54	6PR3 (L2) <u>Space</u>	Represent a pattern rule as a mathematical expression		46.5	39.1
53 54 hape and 5	6PR3 (L2) <u>Space</u> 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure		46.5 65.7	39.1 65.2
53 54	6PR3 (L2) <u>Space</u> 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume		46.5 65.7 58.4	39.1 65.2 51.0
53 54 hape and 5 55 56	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure		46.5 65.7	65.2 51.0 75.3
53 54 <b>nape and S</b> 55 56 57 58	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle		46.5 65.7 58.4 78.6 71.9	39.1 65.2 51.0 75.3 68.8
53 54 hape and \$ 55 56 57	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area		46.5 65.7 58.4 78.6	39.1 65.2 51.0 75.3
53 54 hape and 5 55 56 57 58 59	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations		46.5 65.7 58.4 78.6 71.9 67.1	39.1 65.2 51.0 75.3 68.8 63.7
53 54 55 55 56 57 58 59 60	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations		46.5 65.7 58.4 78.6 71.9 67.1	39.1 65.2 51.0 75.3 68.8 63.7
53 54 55 55 56 57 58 59 60 ental Math	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) <b>b</b>	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations		46.5 65.7 58.4 78.6 71.9 67.1 61.8	39.1 65.2 51.0 75.3 68.8 63.7 60.0
53 54 hape and 5 55 56 57 58 59 60 ental Math 61	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) <b>b</b> 6N3 (L1)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact		46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
53 54 55 55 56 57 58 59 60 ental Math 61 62	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) <b>b</b> 6N3 (L1) 6N5 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio		46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 87.4 76.7
53 54 55 55 56 57 58 59 60 ental Math 61 62 63	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) <b>b</b> 6N3 (L1) 6N5 (L2) 6N4 (L1)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction		46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7
53 54 55 55 56 57 58 59 60 ental Math 61 62 63 64	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) <b>b</b> 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number		46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6
53 54 55 55 56 57 58 59 60 ental Math 61 62 63 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) b 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9		46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7
53 54 55 55 56 57 58 59 60 ental Math 61 62 63 64 65 66	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number		46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6
53 54 55 55 56 57 58 59 60 ental Math 61 62 63 64 65 66 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9		46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0 64.0	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6           61.3

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Source: Division of Evaluation and Research, Department of Education



# Elementary Mathematics Provincial Assessment, June 2012 School Report - Written Response Items

(Item Analysis: % of content answered correctly)

#### District 3 - Nova Central

School #: 202 Twillingate Island Elementary, Twillingate Grades: K-6

Item Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=18]	District [N=914]	Province [N=4,998]
Number Col	nonte				
Number Co.					
41	6N1 (L1)	Write a given number in written form	41.7	38.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	33.3	45.5	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	16.7	39.7	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	30.6	50.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	8.3	31.2	30.3
46	6N3 (L3)	Solve a problem involving factors	44.4	60.7	55.3
47	6N7 (L3)	Compare the value of two given integers	36.1	61.6	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	30.6	48.4	46.4
Patterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	66.7	69.0	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	16.7	36.5	30.2
51	6PR2 (L2)	Create a table of values for a given situation	88.9	75.2	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	52.8	67.1	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	36.1	44.2	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	47.2	46.5	39.1
<u>Shape and S</u> 55	<u>Space</u> 6SS1 (L2)	Draw an angle of a given measure	61.1	65.7	65.2
56	6SS3 (L2)	Solve measurement problem involving volume	22.2	58.4	51.0
57	6SS3 (L2)	Draw a rectangle for a given area	72.2	78.6	75.3
58	6SS4 (L2)	Draw a specified triangle	55.6	71.9	68.8
59	6SS6 (L2)	Represent the result of combining transformations	27.8	67.1	63.7
60	6SS6 (L2)	Represent the result of combining transformations	41.7	61.8	60.0
Mental Math					
61	6N3 (L1)	Solve a multiplication fact	88.9	89.4	87.4
62	6N5 (L2)	Give an equivalent ratio for a given ratio	83.3	79.3	76.7
63	6N4 (L1)	Give a mixed number for a given improper fraction	16.7	64.3	59.7
64	6N8 (L2)	Find the product of a decimal number and a whole number	83.3	66.1	64.6
65	6N8 (L2)	Solve a problem for division of decimals by a divisor from 1 to 9	27.8	40.4	39.7
66	6N8 (L2)	Estimate the product of a decimal number by a whole number	66.7	66.0	64.6
67	6N8 (L2)	Estimate the quotient for division of decimals by a divisor from 1 to 9	55.6	64.0	61.3
68	6N9 (L1)	Apply the order of operations to solve a problem	16.7	36.4	33.5
69	6SS2 (L2)	Estimate the measure of a given angle Give the measure of a missing angle in a given triangle	88.9	74.5	73.4
				72.5	

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Source: Division of Evaluation and Research, Department of Education



# Elementary Mathematics Provincial Assessment, June 2012 School Report - Written Response Items

(Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 204 Pearson Academy, Wesleyville Grades: K-12

ltem Number	Outcome(s) Cognitive Level	Outcome Description	School [N=17]	District [N=914]	<b>Province</b> [N=4,998]
<u>Number Co</u>	ncepts				
41	6N1 (L1)	Write a given number in written form	47.1	38.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	29.4	45.5	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios Demonstrate an understanding of percent pictorially and symbolically	20.6	39.7	37.5
44	6N6 (L2) 6N4 (L2)	Place mixed numbers and improper fractions on a number line	52.9 26.5	50.9 31.2	46.3
46	6N3 (L3)	Solve a problem involving factors	47.1	60.7	55.3
40	6N7 (L3)	Compare the value of two given integers	58.8	61.6	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	52.9	48.4	46.4
Pattorns an	d Relations				
r audins di	ia Nelauona				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	60.0	69.0	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	26.7	36.5	30.2
51	6PR2 (L2)	Create a table of values for a given situation	70.0	75.2	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	53.3	67.1	59.5
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	50.0 23.3	44.2	36.3
<u>Shape and</u> 55	<u>Space</u> 6SS1 (L2)	Draw an angle of a given measure	73.3	65.7	65.2
56	6SS3 (L2)	Solve measurement problem involving volume	56.7	58.4	51.0
57	6SS3 (L2)	Draw a rectangle for a given area	83.3	78.6	75.3
58	6SS4 (L2)	Draw a specified triangle	86.7	71.9	68.8
59	6SS6 (L2)	Represent the result of combining transformations	33.3	67.1	63.7
60	6SS6 (L2)	Represent the result of combining transformations	46.7	61.8	60.0
<u>Mental Mati</u>	<u>b</u>				
61	6N3 (L1)	Solve a multiplication fact	70.6	89.4	87.4
62	6N5 (L2)	Give an equivalent ratio for a given ratio	82.4	79.3	76.7
63	6N4 (L1)	Give a mixed number for a given improper fraction	64.7	64.3	59.7
64	6N8 (L2)	Find the product of a decimal number and a whole number	88.2	66.1	64.6
65		Solve a problem for division of decimals by a divisor from 1 to 9	35.3	40.4	39.7
65	6N8 (L2)		00.0		
66	6N8 (L2) 6N8 (L2)	Estimate the product of a decimal number by a whole number	70.6	66.0	64.6
66	6N8 (L2)	Estimate the product of a decimal number by a whole number	70.6	66.0	64.6
66 67	6N8 (L2) 6N8 (L2)	Estimate the product of a decimal number by a whole number Estimate the quotient for division of decimals by a divisor from 1 to 9	70.6 52.9	66.0 64.0	64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



# Elementary Mathematics Provincial Assessment, June 2012 School Report - Written Response Items

(Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 206 Riverwood Academy, Wing's Point Grades: K-12

ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=23]	District [N=914]	Province [N=4,998]
Number Col	ncents				
<u></u>					
41	6N1 (L1)	Write a given number in written form	52.3	38.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	43.2	45.5	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	40.9	39.7	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	61.4	50.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	40.9	31.2	30.3
46	6N3 (L3)	Solve a problem involving factors	90.9	60.7	55.3
47	6N7 (L3)	Compare the value of two given integers	68.2	61.6	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	43.2	48.4	46.4
Patterns and	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	77.3	69.0	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	56.8	36.5	30.2
51	6PR2 (L2)	Create a table of values for a given situation	81.8	75.2	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	61.4	67.1	59.5
1		Muite e petterne mule ferre einer much leve	50.0	44.2	36.3
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	70.5	46.5	39.1
1	6PR3 (L2)				
54	6PR3 (L2)				
54 Shape and S	6PR3 (L2)	Represent a pattern rule as a mathematical expression	70.5	46.5	39.1
54 Shape and S 55	6PR3 (L2) Space 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	70.5	46.5	<u>39.1</u> 65.2
54 <i>Shape and S</i> 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	70.5 70.5 79.6	46.5 65.7 58.4	39.1 65.2 51.0
54 Shape and S 55 56 57	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	70.5 70.5 79.6 86.4	46.5 65.7 58.4 78.6	39.1 65.2 51.0 75.3
54 <b>Shape and S</b> 55 56 57 58	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	70.5 70.5 79.6 86.4 77.3	46.5 65.7 58.4 78.6 71.9	39.1 65.2 51.0 75.3 68.8
54 <b>Shape and S</b> 55 56 57 58 59	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	70.5 70.5 79.6 86.4 77.3 79.6	46.5 65.7 58.4 78.6 71.9 67.1	39.1           65.2           51.0           75.3           68.8           63.7
54           Shape and S           55           56           57           58           59           60	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	70.5 70.5 79.6 86.4 77.3 79.6	46.5 65.7 58.4 78.6 71.9 67.1	39.1           65.2           51.0           75.3           68.8           63.7
54 Shape and S 55 56 57 58 59 60 Mental Math	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	70.5 70.5 79.6 86.4 77.3 79.6 86.4	46.5 65.7 58.4 71.9 67.1 61.8	39.1           65.2           51.0           75.3           68.8           63.7           60.0
54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b> 61	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	70.5 70.5 79.6 86.4 77.3 79.6 86.4 95.5	46.5 65.7 58.4 71.9 67.1 61.8 89.4	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4
54           Shape and S           55           56           57           58           59           60           Mental Math           61           62	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	70.5 70.5 79.6 86.4 77.3 79.6 86.4 95.5 95.5	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3	39.1         65.2         51.0         75.3         68.8         63.7         60.0         87.4         76.7
54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	70.5 70.5 79.6 86.4 77.3 79.6 86.4 95.5 95.5 95.5 72.7	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7
54           Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	70.5 70.5 79.6 86.4 77.3 79.6 86.4 95.5 95.5 95.5 72.7 63.6	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6
54           Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	70.5 70.5 79.6 86.4 77.3 79.6 86.4 95.5 95.5 95.5 72.7 63.6 36.4	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7
54           Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	70.5 70.5 79.6 86.4 77.3 79.6 86.4 95.5 95.5 95.5 72.7 63.6 36.4 63.6	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6
54           Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66           67	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	70.5 70.5 79.6 86.4 77.3 79.6 86.4 95.5 95.5 95.5 72.7 63.6 36.4 63.6 56.8	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0 64.0	39.1         65.2         51.0         75.3         68.8         63.7         60.0         87.4         76.7         59.7         64.6         39.7         64.6         61.3

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Source: Division of Evaluation and Research, Department of Education



# Elementary Mathematics Provincial Assessment, June 2012 School Report - Written Response Items

(Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 398 Avoca Collegiate, Badger Grades: K-9

Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=12]	District [N=914]	Province [N=4,998]
Number Co	ncents				
<u>Number oo</u>	<u>ncepta</u>				
41	6N1 (L1)	Write a given number in written form	50.0	38.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	58.3	45.5	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	62.5	39.7	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	75.0	50.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	37.5	31.2	30.3
46	6N3 (L3)	Solve a problem involving factors	83.3	60.7	55.3
47	6N7 (L3)	Compare the value of two given integers	79.2	61.6	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	62.5	48.4	46.4
<u>Patterns an</u> 49	<u>d Relations</u> 6PR4 (L2)	Represent an equivalent equation for a given equation	79.2	69.0	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	66.7	36.5	30.2
51	6PR2 (L2)	Create a table of values for a given situation	91.7	75.2	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	75.0	67.1	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	79.2	44.2	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	79.2	46.5	39.1
<u>Shape and s</u> 55	<u>Space</u> 6SS1 (L2)	Draw an angle of a given measure	41.7	65.7	65.2
	6SS1 (L2)	Draw an angle of a given measure Solve measurement problem involving volume	41.7	65.7 58.4	65.2 51.0
55		Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area			-
55 56	6SS1 (L2) 6SS3 (L2)	Solve measurement problem involving volume	58.3	58.4	51.0
55 56 57	6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area	58.3 79.2	58.4 78.6	51.0 75.3
55 56 57 58	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle	58.3 79.2 79.2	58.4 78.6 71.9	51.0 75.3 68.8
55 56 57 58 59	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	58.3 79.2 79.2 58.3	58.4 78.6 71.9 67.1	51.0 75.3 68.8 63.7
55 56 57 58 59 60 <u>Mental Matt</u>	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	58.3 79.2 79.2 58.3 58.3 91.7	58.4 78.6 71.9 67.1 61.8 89.4	51.0 75.3 68.8 63.7 60.0 87.4
55 56 57 58 59 60 <u>Mental Matt</u> 61 62	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio	58.3 79.2 79.2 58.3 58.3	58.4 78.6 71.9 67.1 61.8 89.4 79.3	51.0 75.3 68.8 63.7 60.0 87.4 76.7
55 56 57 58 59 60 <u>Mental Matt</u> 61 62 63	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction	58.3 79.2 79.2 58.3 58.3 91.7 91.7 66.7	58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
55 56 57 58 59 60 <b>Mental Math</b> 61 61 62 63 63 64	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	58.3 79.2 79.2 58.3 58.3 91.7 91.7 66.7 75.0	58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
55 56 57 58 59 60 <u>Mental Math</u> 61 62 63 63 64 65	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	58.3 79.2 79.2 58.3 58.3 91.7 91.7 66.7 75.0 33.3	58.4           78.6           71.9           67.1           61.8           89.4           79.3           64.3           66.1           40.4	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
55 56 57 58 59 60 <u>Mental Matl</u> 61 62 63 63 64 65 66	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	58.3 79.2 79.2 58.3 58.3 91.7 91.7 91.7 66.7 75.0 33.3 75.0	58.4           78.6           71.9           67.1           61.8           89.4           79.3           64.3           66.1           40.4           66.0	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
55 56 57 58 59 60 <u>Mental Matt</u> 61 62 63 63 64 65 66 66 67	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	58.3 79.2 79.2 58.3 58.3 91.7 91.7 66.7 75.0 33.3 75.0 95.8	58.4           78.6           71.9           67.1           61.8           89.4           79.3           64.3           66.1           40.4	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3
55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64 65 66 66 67 68	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	58.3 79.2 79.2 58.3 58.3 91.7 91.7 91.7 66.7 75.0 33.3 75.0 95.8 75.0	58.4           78.6           71.9           67.1           61.8           89.4           79.3           64.3           66.1           40.4           66.0           64.0           36.4	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
55 56 57 58 59 60 <u>Mental Matt</u> 61 62 63 63 64 65 66 66 67	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	58.3 79.2 79.2 58.3 58.3 91.7 91.7 66.7 75.0 33.3 75.0 95.8	58.4           78.6           71.9           67.1           61.8           89.4           79.3           64.3           66.1           40.4           66.0           64.0	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



# Elementary Mathematics Provincial Assessment, June 2012 School Report - Written Response Items

(Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 400 Helen Tulk Elementary, Bishop's Falls Grades: K-6

Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=28]	District [N=914]	<b>Province</b> [N=4,998]
<u>Number Co</u>	ncepts				
41	6N1 (L1)	Write a given number in written form	34.6	38.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	65.4	45.5	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	44.2	39.7	37.5
44 45	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically Place mixed numbers and improper fractions on a number line	51.9	50.9 31.2	46.3
	6N4 (L2) 6N3 (L3)		30.8		30.3
46 47	6N7 (L3)	Solve a problem involving factors Compare the value of two given integers	50.0 55.8	60.7 61.6	55.3 59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	61.5	48.4	46.4
U			01.0	+0.+	+0.+
<u>Patterns an</u>	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	73.2	69.0	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	26.8	36.5	30.2
51	6PR2 (L2)	Create a table of values for a given situation	89.3	75.2	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	71.4	67.1	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	53.6	44.2	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	55.4	46.5	39.1
Shape and		Draw an angle of a given measure	82.0	65.7	65.2
55	6SS1 (L2)	Draw an angle of a given measure	83.9	65.7	65.2
55 56	6SS1 (L2) 6SS3 (L2)	Solve measurement problem involving volume	67.9	58.4	51.0
55 56 57	6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area	67.9 76.8	58.4 78.6	51.0 75.3
55 56 57 58	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle	67.9 76.8 85.7	58.4 78.6 71.9	51.0 75.3 68.8
55 56 57	6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area	67.9 76.8	58.4 78.6	51.0 75.3
55 56 57 58 59	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	67.9 76.8 85.7 67.9	58.4 78.6 71.9 67.1	51.0 75.3 68.8 63.7
55 56 57 58 59 60	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	67.9 76.8 85.7 67.9	58.4 78.6 71.9 67.1	51.0 75.3 68.8 63.7
55 56 57 58 59 60 <i>Mental Matt</i>	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	67.9 76.8 85.7 67.9 58.9	58.4 78.6 71.9 67.1 61.8	51.0 75.3 68.8 63.7 60.0
55 56 57 58 59 60 <u>Mental Matt</u>	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact	67.9 76.8 85.7 67.9 58.9 96.3	58.4 78.6 71.9 67.1 61.8 89.4	51.0 75.3 68.8 63.7 60.0 87.4
55 56 57 58 59 60 <u>Mental Matt</u> 61 62	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	67.9 76.8 85.7 67.9 58.9 96.3 92.6	58.4 78.6 71.9 67.1 61.8 89.4 79.3	51.0 75.3 68.8 63.7 60.0 87.4 76.7
55 56 57 58 59 60 <u>Mental Matt</u> 61 62 63	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction	67.9 76.8 85.7 67.9 58.9 96.3 92.6 77.8	58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	67.9 76.8 85.7 67.9 58.9 96.3 92.6 77.8 72.2	58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64 65	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	67.9 76.8 85.7 67.9 58.9 96.3 92.6 77.8 72.2 38.9	58.4         78.6         71.9         67.1         61.8         89.4         79.3         64.3         66.1         40.4	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64 65 66	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	67.9 76.8 85.7 67.9 58.9 96.3 92.6 77.8 72.2 38.9 74.1	58.4           78.6           71.9           67.1           61.8           89.4           79.3           64.3           66.1           40.4           66.0	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
55 56 57 58 59 60 <b>Mental Matt</b> 61 62 63 63 64 65 66 66 67	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	67.9 76.8 85.7 67.9 58.9 96.3 92.6 77.8 72.2 38.9 74.1 70.4	58.4           78.6           71.9           67.1           61.8           89.4           79.3           64.3           66.1           40.4           66.0           64.0	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



# Elementary Mathematics Provincial Assessment, June 2012 School Report - Written Response Items

(Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 403 Lakeside Academy, Buchans Grades: K-12

Number	Outcome(s) Cognitive Level	Outcome Description	School [N=8]	District [N=914]	<b>Province</b> [N=4,998]
Number Co	ncepts				
<u></u>					
41	6N1 (L1)	Write a given number in written form	12.5	38.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	37.5	45.5	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	18.8	39.7	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	31.3	50.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	18.8	31.2	30.3
46	6N3 (L3)	Solve a problem involving factors	31.3	60.7	55.3
47	6N7 (L3)	Compare the value of two given integers	37.5	61.6	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	43.8	48.4	46.4
<u>Patterns an</u>	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	68.8	69.0	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	0.0	36.5	30.2
51	6PR2 (L2)	Create a table of values for a given situation	43.8	75.2	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	68.8	67.1	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	31.3	44.2	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	25.0	46.5	39.1
<u>.</u>	-				
<u>Shape and</u>		Draw an angle of a given measure	50.0	65 7	65.2
55	6SS1 (L2)	Draw an angle of a given measure Solve measurement problem involving volume	50.0	65.7	65.2
	6SS1 (L2) 6SS3 (L2)	Solve measurement problem involving volume	50.0 50.0 81.3	58.4	65.2 51.0 75.3
55 56	6SS1 (L2)		50.0	-	51.0
55 56 57	6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area	50.0 81.3	58.4 78.6	51.0 75.3
55 56 57 58	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle	50.0 81.3 50.0	58.4 78.6 71.9	51.0 75.3 68.8
55 56 57 58 59	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	50.0 81.3 50.0 68.8	58.4 78.6 71.9 67.1	51.0 75.3 68.8 63.7
55 56 57 58 59 60 <u>Mental Mat</u>	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact	50.0 81.3 50.0 68.8	58.4 78.6 71.9 67.1	51.0 75.3 68.8 63.7 60.0 87.4
55 56 57 58 59 60 <i>Mental Math</i>	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	50.0 81.3 50.0 68.8 62.5	58.4 78.6 71.9 67.1 61.8	51.0 75.3 68.8 63.7 60.0
55 56 57 58 59 60 <u>Mental Mat</u>	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact	50.0 81.3 50.0 68.8 62.5 100.0	58.4 78.6 71.9 67.1 61.8 89.4	51.0 75.3 68.8 63.7 60.0 87.4
55 56 57 58 59 60 <u>Mental Mat</u> 61 61 62 63 63 64	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	50.0 81.3 50.0 68.8 62.5 100.0 87.5 62.5 62.5 62.5	58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64 65	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	50.0 81.3 50.0 68.8 62.5 100.0 87.5 62.5 62.5 62.5 25.0	58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
55 56 57 58 59 60 <u>Mental Mat</u> 61 61 62 63 63 64	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	50.0 81.3 50.0 68.8 62.5 100.0 87.5 62.5 62.5 62.5	58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64 65	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	50.0 81.3 50.0 68.8 62.5 100.0 87.5 62.5 62.5 62.5 25.0	58.4           78.6           71.9           67.1           61.8           89.4           79.3           64.3           66.1           40.4	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
55 56 57 58 59 60 <u>Mental Math</u> 61 62 63 63 64 65 66	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	50.0 81.3 50.0 68.8 62.5 100.0 87.5 62.5 62.5 62.5 62.5 25.0 37.5	58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
55 56 57 58 59 60 <u>Mental Matl</u> 61 62 63 63 64 65 66 66 67	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	50.0 81.3 50.0 68.8 62.5 100.0 87.5 62.5 62.5 62.5 25.0 37.5 43.8	58.4           78.6           71.9           67.1           61.8           89.4           79.3           64.3           66.1           40.4           66.0           64.0	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



# Elementary Mathematics Provincial Assessment, June 2012 School Report - Written Response Items

(Item Analysis: % of content answered correctly)

#### District 3 - Nova Central

School #: 405 Cottrell's Cove Academy, Cottrell's Cove Grades: 1-3,5-7,9-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=1]	District [N=914]	<b>Province</b> [N=4,998]
Number Col					
Number Col	ncepts				
41	6N1 (L1)	Write a given number in written form	Sahaal data	38.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	School data with 5 or	45.5	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	fewer	39.7	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	students	50.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	withheld for	31.2	30.3
46	6N3 (L3)	Solve a problem involving factors	reasons of	60.7	55.3
47	6N7 (L3)	Compare the value of two given integers	confidentiality	61.6	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers		48.4	46.4
<u>Patterns an</u>	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation		69.0	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation		36.5	30.2
51	6PR2 (L2)	Create a table of values for a given situation		75.2	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph		67.1	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem		44.2	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression		46.5	39.1
Shape and S					
55	6SS1 (L2)	Draw an angle of a given measure	-	65.7	65.2
56 57	6SS3 (L2) 6SS3 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area	-	58.4 78.6	51.0 75.3
58	6SS4 (L2)	Draw a specified triangle	-	78.6	68.8
59	6SS6 (L2)	Represent the result of combining transformations	-	67.1	63.7
60	6SS6 (L2)	Represent the result of combining transformations		61.8	60.0
Mental Math				01.0	00.0
61	- 6N3 (L1)	Solve a multiplication fact		89.4	87.4
62	6N5 (L2)	Give an equivalent ratio for a given ratio	1	79.3	76.7
63	6N4 (L1)	Give a mixed number for a given improper fraction	1	64.3	59.7
64	6N8 (L2)	Find the product of a decimal number and a whole number	1	66.1	64.6
65	6N8 (L2)	Solve a problem for division of decimals by a divisor from 1 to 9	1	40.4	39.7
66	6N8 (L2)	Estimate the product of a decimal number by a whole number	1	66.0	64.6
67	6N8 (L2)	Estimate the quotient for division of decimals by a divisor from 1 to 9	1	64.0	61.3
68	6N9 (L1)	Apply the order of operations to solve a problem		36.4	33.5
69	6SS2 (L2)	Estimate the measure of a given angle	-	74.5	73.4
70	6SS2 (L2)	Give the measure of a missing angle in a given triangle	-	74.5	68.9
10		erre are measure or a missing angle in a given thangle		12.0	00.9

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Source: Division of Evaluation and Research, Department of Education



### Elementary Mathematics Provincial Assessment, June 2012 School Report - Written Response Items

(Item Analysis: % of content answered correctly)

#### District 3 - Nova Central

School #: 406 Fitzgerald Academy, English Harbour West Grades: K-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=14]	District [N=914]	<b>Province</b> [N=4,998]
Number Con	<u>icepts</u>				
41	6N1 (L1)	Write a given number in written form	26.9	38.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	50.0	45.5	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	61.5	39.7	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	65.4	50.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	26.9	31.2	30.3
46	6N3 (L3)	Solve a problem involving factors	50.0	60.7	55.3
47	6N7 (L3)	Compare the value of two given integers	46.2	61.6	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	73.1	48.4	46.4
Patterns and					
49	6PR4 (L2)	Represent an equivalent equation for a given equation	82.1	69.0	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	64.3	36.5	30.2
51	6PR2 (L2)	Create a table of values for a given situation	82.1	75.2	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	82.1	67.1	59.5
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	28.6 50.0	44.2 46.5	36.3 39.1
Shape and S	<u>Space</u> 6SS1 (L2)	Draw an angle of a given measure	53.9	65.7	65.2
56	6SS3 (L2)	Solve measurement problem involving volume	65.4	58.4	51.0
57	6SS3 (L2)	Draw a rectangle for a given area	73.1	78.6	75.3
58	6SS4 (L2)	Draw a specified triangle	61.5	71.9	68.8
59	6SS6 (L2)	Represent the result of combining transformations	76.9	67.1	63.7
60	6SS6 (L2)	Represent the result of combining transformations	61.5	61.8	60.0
<u>Mental Math</u>					
61	6N3 (L1)	Solve a multiplication fact	85.7	89.4	87.4
62	6N5 (L2)	Give an equivalent ratio for a given ratio	78.6	79.3	76.7
63	6N4 (L1)	Give a mixed number for a given improper fraction	57.1	64.3	59.7
64	6N8 (L2)	Find the product of a decimal number and a whole number	53.6	66.1	64.6
65	6N8 (L2)	Solve a problem for division of decimals by a divisor from 1 to 9	35.7	40.4	39.7
66	6N8 (L2)	Estimate the product of a decimal number by a whole number	64.3	66.0	64.6
67	6N8 (L2)	Estimate the quotient for division of decimals by a divisor from 1 to 9	67.9	64.0	61.3
68	6N9 (L1)	Apply the order of operations to solve a problem	64.3	36.4	33.5
69	6SS2 (L2)	Estimate the measure of a given angle	100.0	74.5	73.4
70	6SS2 (L2)	Give the measure of a missing angle in a given triangle	57.1	72.5	68.9

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 407 Bay d'Espoir Academy, Milltown

Grades: K-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=27]	District [N=914]	Provinc [N=4,998
umber Col	ncepts				
41	6N1 (L1)	Write a given number in written form	77.1	38.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	75.0	45.5	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	58.3	39.7	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	70.8	50.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	22.9	31.2	30.3
46	6N3 (L3)	Solve a problem involving factors	60.4	60.7	55.3
47	6N7 (L3)	Compare the value of two given integers	77.1	61.6	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	70.8	48.4	46.4
	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	82.0	69.0	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	46.0	36.5	30.2
51	6PR2 (L2)	Create a table of values for a given situation	80.0	75.2	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	84.0	67.1	59.5
			64.0	44.2	36.3
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	64.0 66.0	46.5	39.1
54 hape and S	6PR3 (L2) Space	Represent a pattern rule as a mathematical expression	66.0	46.5	39.1
54 <b>hape and \$</b> 55	6PR3 (L2) <b>Space</b> 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	66.0 88.0	46.5	39.1 65.2
54 hape and 5 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	66.0 88.0 88.0	46.5 65.7 58.4	39.1 65.2 51.0
54 hape and 5 55 56 57	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	66.0 88.0 96.0	46.5 65.7 58.4 78.6	39.1 65.2 51.0 75.3
54 hape and 5 55 56 57 58	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	66.0 88.0 88.0 96.0 92.0	46.5 65.7 58.4 78.6 71.9	39.1 65.2 51.0 75.3 68.8
54 hape and 5 55 56 57	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	66.0 88.0 96.0	46.5 65.7 58.4 78.6	-
54 hape and 5 55 56 57 58 59	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	66.0 88.0 88.0 96.0 92.0 76.0	46.5 65.7 58.4 78.6 71.9 67.1	39.1 65.2 51.0 75.3 68.8 63.7
54 hape and 5 55 56 57 58 59 60	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	66.0 88.0 88.0 96.0 92.0 76.0	46.5 65.7 58.4 78.6 71.9 67.1	39.1 65.2 51.0 75.3 68.8 63.7 60.0
54 hape and 5 55 56 57 58 59 60 60	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	66.0 88.0 96.0 92.0 76.0 80.0	46.5 65.7 58.4 78.6 71.9 67.1 61.8	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 hape and 5 55 56 57 58 59 60 60	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	66.0 88.0 96.0 92.0 76.0 80.0	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54 hape and 5 55 56 57 58 59 60 Mental Math 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	66.0 88.0 96.0 92.0 76.0 80.0 100.0 95.7	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
54 hape and 5 55 56 57 58 59 60 lental Math 61 62 63	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	66.0 88.0 96.0 92.0 76.0 80.0 100.0 95.7 78.3	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
54 hape and 3 55 56 57 58 59 60 Mental Math 61 62 63 64	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	66.0 88.0 96.0 92.0 76.0 80.0 100.0 95.7 78.3 78.3	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
54 hape and 3 55 56 57 58 59 60 Mental Math 61 62 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	66.0 88.0 96.0 92.0 76.0 80.0 100.0 95.7 78.3 78.3 78.3 43.5	46.5 65.7 58.4 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4	39.1 65.2 51.0 75.3 68.8 63.7
54 hape and 3 55 56 57 58 59 60 <i>lental Math</i> 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	66.0 88.0 96.0 92.0 76.0 80.0 100.0 95.7 78.3 78.3 78.3 43.5 84.8	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
54 hape and S 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	66.0 88.0 96.0 92.0 76.0 80.0 100.0 95.7 78.3 78.3 78.3 43.5 84.8 89.1	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0 64.0	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 409 Indian River Academy, Springdale

Grades: K-6

Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=43]	District [N=914]	<b>Provinc</b> [N=4,998
lumber Cor	ncepts				
41	6N1 (L1)	Write a given number in written form	37.8	38.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	30.5	45.5	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	34.2	39.7	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	41.5	50.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	18.3	31.2	30.3
46	6N3 (L3)	Solve a problem involving factors	47.6	60.7	55.3
47	6N7 (L3)	Compare the value of two given integers	56.1	61.6	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	36.6	48.4	46.4
<b>Patterns an</b> 49	<u>d Relations</u> 6PR4 (L2)	Represent an equivalent equation for a given equation	60.0	69.0	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	32.5	36.5	30.2
51	6PR2 (L2)	Create a table of values for a given situation	66.3	75.2	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	57.5	67.1	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	37.5	44.2	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	32.5	46.5	39.1
54	6PR3 (L2) Space	Represent a pattern rule as a mathematical expression	32.5	65.7	<u>39.1</u> 65.2
54 hape and S	6PR3 (L2)				65.2
54 Shape and S 55	6PR3 (L2) Space 6SS1 (L2)	Draw an angle of a given measure	47.4	65.7	65.2 51.0
54 Thape and \$ 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume	47.4 33.3	65.7 58.4	65.2 51.0 75.3
54 <b>hape and S</b> 55 56 57	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area	47.4 33.3 59.0	65.7 58.4 78.6	65.2 51.0 75.3 68.8
54 hape and \$ 55 56 57 58	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle	47.4 33.3 59.0 64.1	65.7 58.4 78.6 71.9	65.2 51.0 75.3 68.8 63.7
54 <b>Shape and S</b> 55 56 57 58 59	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	47.4 33.3 59.0 64.1 50.0	65.7 58.4 78.6 71.9 67.1	
54 55 56 57 58 59 60 Mental Math 61	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	47.4 33.3 59.0 64.1 50.0 46.2 79.5	65.7 58.4 78.6 71.9 67.1 61.8 89.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 <i>hape and S</i> 55 56 57 58 59 60 <i>Mental Math</i> 61 62	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio	47.4 33.3 59.0 64.1 50.0 46.2 79.5 62.8	65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54 hape and \$ 55 56 57 58 59 60 fental Math 61 62 63	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction	47.4 33.3 59.0 64.1 50.0 46.2 79.5 62.8 38.5	65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
54 hape and \$ 55 56 57 58 59 60 Mental Math 61 62 63 64	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number	47.4 33.3 59.0 64.1 50.0 46.2 79.5 62.8 38.5 64.1	65.7 58.4 71.9 67.1 61.8 89.4 79.3 64.3 66.1	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
54 <i>hape and S</i> 55 56 57 58 59 60 <i>Mental Math</i> 61 62 63 64 65	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9	47.4 33.3 59.0 64.1 50.0 46.2 79.5 62.8 38.5 64.1 23.1	65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
54 hape and \$ 55 56 57 58 59 60 hental Math 61 62 63 64 65 66	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number	47.4 33.3 59.0 64.1 50.0 46.2 79.5 62.8 38.5 64.1 23.1 61.5	65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
54 hape and \$ 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 67	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number	47.4 33.3 59.0 64.1 50.0 46.2 79.5 62.8 38.5 64.1 23.1 61.5 60.3	65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0 64.0	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3
54 <i>hape and</i> 5 55 56 57 58 59 60 <i>fental Math</i> 61 62 63 64 65 66 67 68	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number	47.4 33.3 59.0 64.1 50.0 46.2 79.5 62.8 38.5 64.1 23.1 61.5	65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0 64.0 36.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3 33.5
54 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 67	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number	47.4 33.3 59.0 64.1 50.0 46.2 79.5 62.8 38.5 64.1 23.1 61.5 60.3	65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0 64.0	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



# Elementary Mathematics Provincial Assessment, June 2012 School Report - Written Response Items

(Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 413 Holy Cross School Complex, Eastport Grades: K-12

ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=7]	District [N=914]	Province [N=4,998]
Number Co	ncepts				
41	6N1 (L1)	Write a given number in written form	83.3	38.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	83.3	45.5	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	75.0	39.7	37.5
44	6N6 (L2) 6N4 (L2)	Demonstrate an understanding of percent pictorially and symbolically Place mixed numbers and improper fractions on a number line	83.3 75.0	50.9 31.2	46.3
45	6N3 (L3)	Solve a problem involving factors		-	
40	6N7 (L3)	Compare the value of two given integers	66.7 91.7	60.7 61.6	55.3 59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	75.0	48.4	46.4
40			75.0	40.4	40.4
<u>Patterns an</u>	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	92.9	69.0	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	85.7	36.5	30.2
51	6PR2 (L2)	Create a table of values for a given situation	92.9	75.2	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	85.7	67.1	59.5
	6PR3 (L2)	Write a pattern rule for a given problem	78.6	44.2	36.3
53					30.5
53 54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	85.7	46.5	39.1
	6PR3 (L2)				<u>39.1</u> 65.2
54 Shape and	6PR3 (L2)	Represent a pattern rule as a mathematical expression	85.7	46.5	
54 Shape and 55	6PR3 (L2) <b>Space</b> 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	85.7	46.5	65.2
54 <u>Shape and 55</u> 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	85.7 71.4 78.6	46.5 65.7 58.4	65.2 51.0
54 Shape and 5 55 56 57	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	85.7 71.4 78.6 92.9	46.5 65.7 58.4 78.6	65.2 51.0 75.3
54 <b>Shape and</b> 55 56 57 58	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	85.7 71.4 78.6 92.9 57.1	46.5 65.7 58.4 78.6 71.9	65.2 51.0 75.3 68.8
54 <b>Shape and</b> 55 56 57 58 59	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	85.7 71.4 78.6 92.9 57.1 85.7	46.5 65.7 58.4 78.6 71.9 67.1	65.2 51.0 75.3 68.8 63.7
54           Shape and 3           55           56           57           58           59           60	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	85.7 71.4 78.6 92.9 57.1 85.7	46.5 65.7 58.4 78.6 71.9 67.1	65.2 51.0 75.3 68.8 63.7
54 <b>Shape and</b> 55 56 57 58 59 60 <b>Mental Math</b>	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	85.7 71.4 78.6 92.9 57.1 85.7 71.4	46.5 65.7 58.4 78.6 71.9 67.1 61.8	65.2 51.0 75.3 68.8 63.7 60.0
54 <b>Shape and</b> 55 56 57 58 59 60 <b>Mental Math</b> 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	85.7 71.4 78.6 92.9 57.1 85.7 71.4	46.5 65.7 58.4 71.9 67.1 61.8 89.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 <b>Shape and</b> 55 56 57 58 59 60 <b>Mental Math</b> 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	85.7 71.4 78.6 92.9 57.1 85.7 71.4 100.0 83.3	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54 <b>Shape and</b> 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	85.7 71.4 78.6 92.9 57.1 85.7 71.4 100.0 83.3 100.0	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
54 <b>Shape and</b> 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 64	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	85.7 71.4 78.6 92.9 57.1 85.7 71.4 100.0 83.3 100.0 66.7	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
54           Shape and 3           55           56           57           58           59           60           Mental Math           61           62           63           64           65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	85.7 71.4 78.6 92.9 57.1 85.7 71.4 100.0 83.3 100.0 66.7 100.0	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
54           Shape and           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	85.7 71.4 78.6 92.9 57.1 85.7 71.4 100.0 83.3 100.0 66.7 100.0 100.0	46.5 65.7 58.4 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
54 <b>Shape and</b> 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	85.7 71.4 78.6 92.9 57.1 85.7 71.4 100.0 83.3 100.0 66.7 100.0 100.0	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0 64.0	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



### Elementary Mathematics Provincial Assessment, June 2012 School Report - Written Response Items

(Item Analysis: % of content answered correctly)

#### District 3 - Nova Central

School #: 414 Fogo Island Central Academy, Fogo Island Grades: K-12

ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=16]	District [N=914]	<b>Province</b> [N=4,998]
<u>Number Co</u>	ncents				
41	6N1 (L1)	Write a given number in written form	25.0	38.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	71.9	45.5	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	62.5	39.7	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	56.3	50.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	31.3	31.2	30.3
46	6N3 (L3)	Solve a problem involving factors	68.8	60.7	55.3
47	6N7 (L3)	Compare the value of two given integers	40.6	61.6	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	50.0	48.4	46.4
<u>Patterns an</u>					
49	6PR4 (L2)	Represent an equivalent equation for a given equation	90.6	69.0	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	53.1	36.5	30.2
51	6PR2 (L2)	Create a table of values for a given situation	84.4	75.2	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	71.9	67.1	59.5
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	43.8 56.3	44.2	36.3 39.1
Shape and S	<u>Space</u> 6SS1 (L2)	Draw an angle of a given measure	70.0	65.7	65.2
56	6SS3 (L2)	Solve measurement problem involving volume	50.0	58.4	51.0
57	6SS3 (L2)	Draw a rectangle for a given area	70.0	78.6	75.3
58	6SS4 (L2)	Draw a specified triangle	80.0	71.9	68.8
59	6SS6 (L2)	Represent the result of combining transformations	80.0	67.1	63.7
60	6SS6 (L2)	Represent the result of combining transformations	63.3	61.8	60.0
<u>Mental Math</u>	<u>1</u>				
61	6N3 (L1)	Solve a multiplication fact	86.7	89.4	87.4
62	6N5 (L2)	Give an equivalent ratio for a given ratio	100.0	79.3	76.7
63	6N4 (L1)	Give a mixed number for a given improper fraction	60.0	64.3	59.7
64	6N8 (L2)	Find the product of a decimal number and a whole number	73.3	66.1	64.6
65	6N8 (L2)	Solve a problem for division of decimals by a divisor from 1 to 9	60.0	40.4	39.7
66	6N8 (L2)	Estimate the product of a decimal number by a whole number	46.7	66.0	64.6
67	6N8 (L2)	Estimate the quotient for division of decimals by a divisor from 1 to 9	53.3	64.0	61.3
68	6N9 (L1)	Apply the order of operations to solve a problem	53.3	36.4	33.5
69	6SS2 (L2)	Estimate the measure of a given angle	66.7	74.5	73.4

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Source: Division of Evaluation and Research, Department of Education



# Elementary Mathematics Provincial Assessment, June 2012 School Report - Written Response Items

(Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 416 Smallwood Academy, Gambo Grades: K-12

Number	Outcome(s) Cognitive Level	Outcome Description	School [N=12]	District [N=914]	<b>Province</b> [N=4,998]
Number Col	ncepts				
41	6N1 (L1)	Write a given number in written form	20.8	38.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	25.0	45.5	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	25.0	39.7	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	37.5	50.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	25.0	31.2	30.3
46 47	6N3 (L3)	Solve a problem involving factors	45.8	60.7	55.3
	6N7 (L3)	Compare the value of two given integers	41.7	61.6	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	33.3	48.4	46.4
<u>Patterns an</u>	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	41.7	69.0	63.6
49 50	6PR1 (L2)	Write a mathematical expression for a given situation	20.8	36.5	30.2
51	6PR2 (L2)	Create a table of values for a given situation	62.5	75.2	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	50.0	67.1	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	29.2	44.2	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	29.2	44.2	30.3
<u>Shape and S</u> 55	<u>Space</u> 6SS1 (L2)	Draw an angle of a given measure	63.6	65.7	65.2
		Draw an angle of a given measure Solve measurement problem involving volume	63.6 22.7	65.7 58.4	65.2 51.0
55	6SS1 (L2)			-	
55 56	6SS1 (L2) 6SS3 (L2)	Solve measurement problem involving volume	22.7	58.4	51.0
55 56 57	6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area	22.7 86.4	58.4 78.6	51.0 75.3
55 56 57 58	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle	22.7 86.4 72.7	58.4 78.6 71.9	51.0 75.3 68.8
55 56 57 58 59	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	22.7 86.4 72.7 72.7	58.4 78.6 71.9 67.1	51.0 75.3 68.8 63.7
55 56 57 58 59 60	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	22.7 86.4 72.7 72.7	58.4 78.6 71.9 67.1	51.0 75.3 68.8 63.7
55 56 57 58 59 60 <i>Mental Math</i>	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	22.7 86.4 72.7 72.7 45.5	58.4 78.6 71.9 67.1 61.8	51.0 75.3 68.8 63.7 60.0
55 56 57 58 59 60 <u>Mental Math</u>	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact	22.7 86.4 72.7 72.7 45.5 58.3	58.4 78.6 71.9 67.1 61.8 89.4	51.0 75.3 68.8 63.7 60.0 87.4
55 56 57 58 59 60 <u>Mental Math</u> 61 62	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	22.7 86.4 72.7 72.7 45.5 58.3 58.3	58.4 78.6 71.9 67.1 61.8 89.4 79.3	51.0 75.3 68.8 63.7 60.0 87.4 76.7
55 56 57 58 59 60 <u>Mental Math</u> 61 62 63	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	22.7 86.4 72.7 72.7 45.5 58.3 58.3 66.7	58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
55 56 57 58 59 60 <u>Mental Math</u> 61 61 62 63 63 64	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	22.7 86.4 72.7 45.5 58.3 58.3 66.7 50.0	58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
55 56 57 58 59 60 <u>Mental Math</u> 61 62 63 63 64 65	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	22.7 86.4 72.7 45.5 58.3 58.3 58.3 66.7 50.0 33.3	58.4           78.6           71.9           67.1           61.8           89.4           79.3           64.3           66.1           40.4	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
55         56         57         58         59         60         Mental Math         61         62         63         64         65         66	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	22.7 86.4 72.7 45.5 58.3 58.3 58.3 66.7 50.0 33.3 70.8	58.4           78.6           71.9           67.1           61.8           89.4           79.3           64.3           66.1           40.4           66.0	51.0 75.3 68.8 63.7 60.0 87.4 87.4 76.7 59.7 64.6 39.7 64.6
55 56 57 58 59 60 <u>Mental Math</u> 61 62 63 63 64 65 66 66 67	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	22.7 86.4 72.7 45.5 58.3 58.3 66.7 50.0 33.3 70.8 66.7	58.4           78.6           71.9           67.1           61.8           89.4           79.3           64.3           66.1           40.4           66.0           64.0	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 417 Gander Academy, Gander Grades: K-6

ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=130]	District [N=914]	<b>Provinc</b> [N=4,998]
Number Col	ncepts				
41	6N1 (L1)	Write a given number in written form	28.9	38.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	43.8	45.5	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	38.3	39.7	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	48.1	50.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	30.5	31.2	30.3
46	6N3 (L3)	Solve a problem involving factors	54.7	60.7	55.3
47	6N7 (L3)	Compare the value of two given integers	56.3	61.6	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	46.9	48.4	46.4
Patterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	78.3	69.0	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	40.8	36.5	30.2
51	6PR2 (L2)	Create a table of values for a given situation	75.4	75.2	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	72.5	67.1	59.5
		White a mattern mula fama air an analyter	17 E	44.2	36.3
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	47.5 53.8	46.5	39.1
54 hape and S	6PR3 (L2)	Represent a pattern rule as a mathematical expression	53.8	46.5	39.1
54 hape and \$ 55	6PR3 (L2) <b>Space</b> 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	53.8	46.5 65.7	<u>39.1</u> 65.2
54 hape and 5 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume	53.8 69.0 68.2	46.5 65.7 58.4	39.1 65.2 51.0
54 hape and 5 55 56 57	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	53.8 69.0 68.2 87.2	46.5 65.7 58.4 78.6	65.2 51.0 75.3
54 hape and 5 55 56 57 58	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	53.8 69.0 68.2 87.2 76.0	46.5 65.7 58.4 78.6 71.9	39.1           65.2           51.0           75.3           68.8
54 Shape and S 55 56 57	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	53.8 69.0 68.2 87.2	46.5 65.7 58.4 78.6	65.2 51.0 75.3
54 Shape and S 55 56 57 58 58 59	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	53.8 69.0 68.2 87.2 76.0 85.5	46.5 65.7 58.4 78.6 71.9 67.1	39.1           65.2           51.0           75.3           68.8           63.7
54 55 56 57 58 59 60 Mental Math 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	53.8 69.0 68.2 87.2 76.0 85.5 67.8 93.5	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 <i>hape and s</i> 55 56 57 58 59 60 <i>Mental Math</i>	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	53.8 69.0 68.2 87.2 76.0 85.5 67.8	46.5 65.7 58.4 78.6 71.9 67.1 61.8	39.1           65.2           51.0           75.3           68.8           63.7           60.0
54 55 56 57 58 59 60 Mental Math 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	53.8 69.0 68.2 87.2 76.0 85.5 67.8 93.5	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 55 56 57 58 59 60 Mental Math 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	53.8 69.0 68.2 87.2 76.0 85.5 67.8 93.5 77.2 68.3 67.5	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6
54 55 56 57 58 59 60 <i>Mental Math</i> 61 62 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	53.8 69.0 68.2 87.2 76.0 85.5 67.8 93.5 77.2 68.3	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7
54 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 64	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	53.8 69.0 68.2 87.2 76.0 85.5 67.8 93.5 77.2 68.3 67.5	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6
54 55 56 57 58 59 60 <i>Mental Math</i> 61 62 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	53.8 69.0 68.2 87.2 76.0 85.5 67.8 93.5 77.2 68.3 67.5 50.4	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7
54           Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	53.8 69.0 68.2 87.2 76.0 85.5 67.8 93.5 77.2 68.3 67.5 50.4 71.5	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6
54           Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66           67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	53.8 69.0 68.2 87.2 76.0 85.5 67.8 93.5 77.2 68.3 67.5 50.4 71.5 71.5	46.5 65.7 58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0 64.0	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6           61.3

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Source: Division of Evaluation and Research, Department of Education



# Elementary Mathematics Provincial Assessment, June 2012 School Report - Written Response Items

(Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 421 Lakewood Academy, Glenwood Grades: K-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=22]	District [N=914]	<b>Province</b> [N=4,998]
Number Co	ncepts				
41	6N1 (L1)	Write a given number in written form	26.3	38.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	68.4	45.5	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	34.2	39.7	37.5
44	6N6 (L2) 6N4 (L2)	Demonstrate an understanding of percent pictorially and symbolically Place mixed numbers and improper fractions on a number line	65.8 26.3	50.9 31.2	46.3 30.3
	· · /				
46 47	6N3 (L3) 6N7 (L3)	Solve a problem involving factors Compare the value of two given integers	63.2 68.4	60.7 61.6	55.3 59.4
	. ,			_	_
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	42.1	48.4	46.4
Patterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	68.2	69.0	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	61.4	36.5	30.2
51	6PR2 (L2)	Create a table of values for a given situation	63.6	75.2	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	72.7	67.1	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	61.4	44.2	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	56.8	46.5	39.1
<u>Shape and</u> 55	<u>Space</u> 6SS1 (L2)	Draw an angle of a given measure	63.6	65.7	
56	6SS3 (L2)			05.1	65.2
57	· · · ·	Solve measurement problem involving volume	77.3	58.4	65.2 51.0
	6SS3 (L2)	Draw a rectangle for a given area	90.9	58.4 78.6	51.0 75.3
58	· · · ·	Draw a rectangle for a given area Draw a specified triangle		58.4	51.0
58 59	6SS3 (L2)	Draw a rectangle for a given area	90.9	58.4 78.6	51.0 75.3
1	6SS3 (L2) 6SS4 (L2)	Draw a rectangle for a given area Draw a specified triangle	90.9 63.6	58.4 78.6 71.9	51.0 75.3 68.8
59	6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	90.9 63.6 75.0	58.4 78.6 71.9 67.1	51.0 75.3 68.8 63.7
59 60	6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	90.9 63.6 75.0	58.4 78.6 71.9 67.1	51.0 75.3 68.8 63.7
59 60 <u>Mental Mat</u> i	6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	90.9 63.6 75.0 70.5	58.4 78.6 71.9 67.1 61.8	51.0 75.3 68.8 63.7 60.0
59 60 <i>Mental Mati</i> 61	6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1)	Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact	90.9 63.6 75.0 70.5 90.0	58.4 78.6 71.9 67.1 61.8 89.4	51.0 75.3 68.8 63.7 60.0 87.4
59 60 <i>Mental Matt</i> 61 62	6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1) 6N3 (L1) 6N5 (L2)	Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio	90.9 63.6 75.0 70.5 90.0 75.0	58.4 78.6 71.9 67.1 61.8 89.4 79.3	51.0 75.3 68.8 63.7 60.0 87.4 76.7
59 60 <i>Mental Matt</i> 61 62 63	6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1)	Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction	90.9 63.6 75.0 70.5 90.0 75.0 60.0	58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
59 60 <u>Mental Mati</u> 61 62 63 63 64	6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	90.9 63.6 75.0 70.5 90.0 75.0 60.0 65.0	58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
59 60 <i>Mental Mati</i> 61 62 63 64 65	6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	90.9 63.6 75.0 70.5 90.0 75.0 60.0 65.0 40.0	58.4           78.6           71.9           67.1           61.8           89.4           79.3           64.3           66.1           40.4	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
59 60 <u>Mental Mati</u> 61 62 63 63 64 65 66	6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	90.9 63.6 75.0 70.5 90.0 75.0 60.0 65.0 40.0 72.5	58.4           78.6           71.9           67.1           61.8           89.4           79.3           64.3           66.1           40.4           66.0	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
59 60 <u>Mental Matt</u> 61 62 63 64 65 66 67	6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	90.9 63.6 75.0 70.5 90.0 75.0 60.0 65.0 40.0 72.5 65.0	58.4           78.6           71.9           67.1           61.8           89.4           79.3           64.3           66.1           40.4           66.0           64.0	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



# Elementary Mathematics Provincial Assessment, June 2012 School Report - Written Response Items

(Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 422 Glovertown Academy, Glovertown Grades: K-12

ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=29]	District [N=914]	<b>Province</b> [N=4,998]
Normali and Ca					
Number Co	ncepts				
41	6N1 (L1)	Write a given number in written form	21.4	38.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	17.9	45.5	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	26.8	39.7	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	32.1	50.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	21.4	31.2	30.3
46	6N3 (L3)	Solve a problem involving factors	60.7	60.7	55.3
47	6N7 (L3)	Compare the value of two given integers	60.7	61.6	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	39.3	48.4	46.4
Patterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	50.0	69.0	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	26.9	36.5	30.2
51	6PR2 (L2)	Create a table of values for a given situation	51.9	75.2	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	46.2	67.1	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	23.1	44.2	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	34.6	46.5	39.1
<u>Shape and</u> 55	<u>Space</u> 6SS1 (L2)	Draw an angle of a given measure	63.5	65.7	65.2
56	6SS3 (L2)	Solve measurement problem involving volume	9.6	58.4	51.0
57	6SS3 (L2)	Draw a rectangle for a given area	69.2	78.6	75.3
58	6SS4 (L2)	Draw a specified triangle	55.8	71.9	68.8
59	6SS6 (L2)	Represent the result of combining transformations	67.3	67.1	63.7
60					00.1
	6SS6 (L2)	Represent the result of combining transformations	53.9	61.8	60.0
<u>Mental Mati</u>		Represent the result of combining transformations	53.9	61.8	
<u>Mental Mati</u> 61		Represent the result of combining transformations Solve a multiplication fact	53.9 69.2	61.8 89.4	
	2				60.0
61	2 6N3 (L1)	Solve a multiplication fact	69.2	89.4	60.0 87.4
61 62	2 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Solve a multiplication fact Give an equivalent ratio for a given ratio	69.2 73.1	89.4 79.3	60.0 87.4 76.7
61 62 63 64 65	2 6N3 (L1) 6N5 (L2) 6N4 (L1)	Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction	69.2 73.1 38.5	89.4 79.3 64.3	87.4 76.7 59.7
61 62 63 64	2 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number	69.2 73.1 38.5 42.3	89.4 79.3 64.3 66.1	60.0 87.4 76.7 59.7 64.6
61 62 63 64 65	2 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9	69.2 73.1 38.5 42.3 11.5	89.4 79.3 64.3 66.1 40.4	60.0 87.4 76.7 59.7 64.6 39.7
61 62 63 64 65 66	2 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number	69.2 73.1 38.5 42.3 11.5 40.4	89.4 79.3 64.3 66.1 40.4 66.0	60.0 87.4 76.7 59.7 64.6 39.7 64.6
61 62 63 64 65 66 67	2 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number Estimate the quotient for division of decimals by a divisor from 1 to 9	69.2 73.1 38.5 42.3 11.5 40.4 42.3	89.4 79.3 64.3 66.1 40.4 66.0 64.0	87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 426 Hillview Academy, Norris Arm Grades: K-9

	Cognitive Level	Outcome Description	School [N=9]	District [N=914]	<b>Provin</b> [N=4,99
Number Con	ncepts				
41	6N1 (L1)	Write a given number in written form	31.3	38.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	62.5	45.5	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	50.0	39.7	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	68.8	50.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	25.0	31.2	30.3
46	6N3 (L3)	Solve a problem involving factors	56.3	60.7	55.3
47	6N7 (L3)	Compare the value of two given integers	68.8	61.6	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	31.3	48.4	46.4
Patterns and	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	88.9	69.0	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	50.0	36.5	30.2
51	6PR2 (L2)	Create a table of values for a given situation	72.2	75.2	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	66.7	67.1	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	38.9	44.2	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	44.4	46.5	39.1
		Draw an angle of a given measure	44.4	65.7	65.2
55	6SS1 (L2)	Draw an angle of a given measure Solve measurement problem involving volume	44.4	65.7 58.4	_
		Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area	44.4 50.0 72.2	65.7 58.4 78.6	51.0
55 56	6SS1 (L2) 6SS3 (L2)	Solve measurement problem involving volume	50.0	58.4	51.0 75.3
55 56 57	6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area	50.0 72.2	58.4 78.6	51.0 75.3 68.8
55 56 57 58	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle	50.0 72.2 77.8	58.4 78.6 71.9	51.0 75.3 68.8 63.7
55 56 57 58 59 60	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	50.0 72.2 77.8 88.9	58.4 78.6 71.9 67.1	51.0 75.3 68.8 63.7
55 56 57 58 59 60 Mental Math	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	50.0 72.2 77.8 88.9 77.8	58.4 78.6 71.9 67.1 61.8	51.0 75.3 68.8 63.7 60.0
55 56 57 58 59 60 <i>Mental Math</i>	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	50.0 72.2 77.8 88.9 77.8 100.0	58.4 78.6 71.9 67.1 61.8 89.4	51.0 75.3 68.8 63.7 60.0 87.4
55 56 57 58 59 60 <i>Mental Math</i> 61 62	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio	50.0 72.2 77.8 88.9 77.8 100.0 88.9	58.4 78.6 71.9 67.1 61.8 89.4 79.3	51.0 75.3 68.8 63.7 60.0 87.4 76.7
55 56 57 58 59 60 <b>Mental Math</b> 61 62 63	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction	50.0 72.2 77.8 88.9 77.8 100.0 88.9 55.6	58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	50.0 72.2 77.8 88.9 77.8 100.0 88.9 55.6 88.9	58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1	51.0 75.3 68.6 63.7 60.0 87.4 76.7 59.7 64.6
55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64 65	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	50.0 72.2 77.8 88.9 77.8 100.0 88.9 55.6 88.9 88.9 88.9	58.4           78.6           71.9           67.1           61.8           89.4           79.3           64.3           66.1           40.4	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64 65 66	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	50.0 72.2 77.8 88.9 77.8 100.0 88.9 55.6 88.9 88.9 88.9 88.9 83.3	58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64 65 66 66 67	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N5 (L2) 6N4 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	50.0 72.2 77.8 88.9 77.8 100.0 88.9 55.6 88.9 88.9 88.9 83.3 77.8	58.4           78.6           71.9           67.1           61.8           89.4           79.3           64.3           66.1           40.4           66.0           64.0	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3
56 57 58 59 60 <u>Mental Math</u> 61 62 63 63 64 65 66	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	50.0 72.2 77.8 88.9 77.8 100.0 88.9 55.6 88.9 88.9 88.9 88.9 83.3	58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4 66.0	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3 33.5 73.4

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Source: Division of Evaluation and Research, Department of Education



# Elementary Mathematics Provincial Assessment, June 2012 School Report - Written Response Items

(Item Analysis: % of content answered correctly)

#### District 3 - Nova Central

School #: 478 New World Island Academy, Summerford Grades: K-12

Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=26]	District [N=914]	<b>Province</b> [N=4,998]
<u>Number Co</u>	ncepts				
41	6N1 (L1)	Write a given number in written form	14.6	38.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	35.4	45.5	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	39.6	39.7	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	33.3	50.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	33.3	31.2	30.3
46 47	6N3 (L3) 6N7 (L3)	Solve a problem involving factors Compare the value of two given integers	45.8 58.3	60.7 61.6	55.3 59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	47.9	48.4	46.4
Patterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	73.1	69.0	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	13.5	36.5	30.2
51	6PR2 (L2)	Create a table of values for a given situation	78.9	75.2	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	61.5	67.1	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	44.2	44.2	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	11.5	46.5	39.1
<u>Shape and</u>		Draw an angle of a given measure	80.8	65.7	65.2
55	6SS1 (L2)	Draw an angle of a given measure	80.8	65.7 58.4	65.2 51.0
		Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area	80.8 76.9 86.5	65.7 58.4 78.6	65.2 51.0 75.3
55 56	6SS1 (L2) 6SS3 (L2)	Solve measurement problem involving volume	76.9	58.4	51.0
55 56 57	6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area	76.9 86.5	58.4 78.6	51.0 75.3
55 56 57 58	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle	76.9 86.5 63.5	58.4 78.6 71.9	51.0 75.3 68.8
55 56 57 58 59	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	76.9 86.5 63.5 73.1	58.4 78.6 71.9 67.1	51.0 75.3 68.8 63.7
55 56 57 58 59 60	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	76.9 86.5 63.5 73.1	58.4 78.6 71.9 67.1	51.0 75.3 68.8 63.7
55 56 57 58 59 60 <u>Mental Mat</u>	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	76.9 86.5 63.5 73.1 73.1	58.4 78.6 71.9 67.1 61.8	51.0 75.3 68.8 63.7 60.0
55 56 57 58 59 60 <u>Mental Mati</u>	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact	76.9 86.5 63.5 73.1 73.1 73.1	58.4 78.6 71.9 67.1 61.8 89.4	51.0 75.3 68.8 63.7 60.0 87.4
55 56 57 58 59 60 <u>Mental Mati</u> 61 62	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1) 6N5 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	76.9 86.5 63.5 73.1 73.1 73.1 76.9 88.5	58.4 78.6 71.9 67.1 61.8 89.4 79.3	51.0 75.3 68.8 63.7 60.0 87.4 76.7
55 56 57 58 59 60 <u>Mental Mat</u> 61 62 63	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1) 6N5 (L2) 6N4 (L1)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction	76.9 86.5 63.5 73.1 73.1 73.1 76.9 88.5 69.2	58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
55 56 57 58 59 60 <b>Mental Mati</b> 61 62 63 63 64	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	76.9 86.5 63.5 73.1 73.1 73.1 76.9 88.5 69.2 61.5	58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
55 56 57 58 59 60 <b>Mental Matt</b> 61 62 63 63 64 65	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	76.9 86.5 73.1 73.1 73.1 76.9 88.5 69.2 61.5 50.0	58.4 78.6 71.9 67.1 61.8 89.4 79.3 64.3 66.1 40.4	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64 65 66	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	76.9 86.5 63.5 73.1 73.1 73.1 76.9 88.5 69.2 61.5 50.0 76.9	58.4           78.6           71.9           67.1           61.8           89.4           79.3           64.3           66.1           40.4           66.0	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
55 56 57 58 59 60 <b>Mental Mat</b> 61 62 63 63 64 65 66 66 67	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	76.9 86.5 63.5 73.1 73.1 73.1 76.9 88.5 69.2 61.5 50.0 76.9 61.5	58.4           78.6           71.9           67.1           61.8           89.4           79.3           64.3           66.1           40.4           66.0           64.0	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 4 - Eastern

School #: 213 Lake Academy, Fortune Grades: K-7

ltem Number	Outcome(s) Cognitive Level	Outcome Description	School [N=47]	District [N=2,936]	<b>Province</b> [N=4,998]
<u>Number Co</u>	ncepts				
41	6N1 (L1)	Write a given number in written form	29.3	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	74.4	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	35.4	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	34.2	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	17.1	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	47.6	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	50.0	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	31.7	45.7	46.4
<i>Patterns an</i> 49	<u>d Relations</u> 6PR4 (L2)	Represent an equivalent equation for a given equation	43.5	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	48.9	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	67.4	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	68.5	56.6	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	30.4	33.5	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	38.0	35.4	39.1
<u>Shape and</u> 55	<u>Space</u> 6SS1 (L2)	Draw an angle of a given measure	58.7	65.7	65.2
56	6SS3 (L2)	Solve measurement problem involving volume	58.7	49.0	51.0
57	6SS3 (L2)	Draw a rectangle for a given area	43.5	73.7	75.3
58	6SS4 (L2)	Draw a specified triangle	73.9	68.2	68.8
59	6SS6 (L2)	Represent the result of combining transformations	54.4	63.8	63.7
60	6SS6 (L2)	Represent the result of combining transformations	52.2	59.8	60.0
			02.2		00.0
<u>Mental Mati</u>	2				00.0
61	6N3 (L1)	Solve a multiplication fact	65.9	87.3	87.4
	-	Solve a multiplication fact Give an equivalent ratio for a given ratio			
61 62 63	6N3 (L1) 6N5 (L2) 6N4 (L1)	Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction	65.9	87.3	87.4
61 62 63 64	6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number	65.9 68.2	87.3 76.4	87.4 76.7
61 62 63	6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Give an equivalent ratio for a given ratioGive a mixed number for a given improper fractionFind the product of a decimal number and a whole numberSolve a problem for division of decimals by a divisor from 1 to 9	65.9 68.2 47.7	87.3 76.4 59.2 64.6 40.1	87.4 76.7 59.7
61 62 63 64	6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number	65.9 68.2 47.7 40.9	87.3 76.4 59.2 64.6	87.4 76.7 59.7 64.6
61 62 63 64 65	6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Give an equivalent ratio for a given ratioGive a mixed number for a given improper fractionFind the product of a decimal number and a whole numberSolve a problem for division of decimals by a divisor from 1 to 9	65.9 68.2 47.7 40.9 25.0	87.3 76.4 59.2 64.6 40.1	87.4 76.7 59.7 64.6 39.7
61 62 63 64 65 66	6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Give an equivalent ratio for a given ratioGive a mixed number for a given improper fractionFind the product of a decimal number and a whole numberSolve a problem for division of decimals by a divisor from 1 to 9Estimate the product of a decimal number by a whole number	65.9 68.2 47.7 40.9 25.0 73.9	87.3 76.4 59.2 64.6 40.1 65.6	87.4 76.7 59.7 64.6 39.7 64.6
61 62 63 64 65 66 67	6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Give an equivalent ratio for a given ratioGive a mixed number for a given improper fractionFind the product of a decimal number and a whole numberSolve a problem for division of decimals by a divisor from 1 to 9Estimate the product of a decimal number by a whole numberEstimate the quotient for division of decimals by a divisor from 1 to 9	65.9 68.2 47.7 40.9 25.0 73.9 65.9	87.3 76.4 59.2 64.6 40.1 65.6 62.4	87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 4 - Eastern

School #: 218 St. Joseph's Academy, Lamaline

Grades: K-12

41         6N1 (L           42         6N1 (L           43         6N5 (L           44         6N6 (L           45         6N4 (L           46         6N3 (L           47         6N7 (L           48         6N4 (L	(L2) (L3) (L2)	Write a given number in written form Write numbers located betweeen two givien numbers	0.0		
41         6N1 (L           42         6N1 (L           43         6N5 (L           44         6N6 (L           45         6N4 (L           46         6N3 (L           47         6N7 (L	(L2) (L3) (L2)		0.0		
42         6N1 (L           43         6N5 (L           44         6N6 (L           45         6N4 (L           46         6N3 (L           47         6N7 (L	(L2) (L3) (L2)		0.0		
43         6N5 (L           44         6N6 (L           45         6N4 (L           46         6N3 (L           47         6N7 (L	(L3) (L2)		0.0	33.0	36.2
44         6N6 (L           45         6N4 (L           46         6N3 (L           47         6N7 (L	(L2)		64.3	42.6	43.9
45         6N4 (L)           46         6N3 (L)           47         6N7 (L)		Demonstrate an understanding of equivalent ratios	7.1	37.3	37.5
46 6N3 (L 47 6N7 (L	(L2)	Demonstrate an understanding of percent pictorially and symbolically	35.7	45.9	46.3
47 6N7 (L	· /	Place mixed numbers and improper fractions on a number line	0.0	30.7	30.3
· · · · · · · · · · · · · · · · · · ·	L3)	Solve a problem involving factors	35.7	53.9	55.3
48 6N4 (L	(L3)	Compare the value of two given integers	21.4	58.7	59.4
	(L3)	Solve a problem that relates improper fractions to mixed numbers	14.3	45.7	46.4
Atterns and Relations		Represent an equivalent equation for a given equation	75.0	63.3	63.6
49 6PR4 (	, ,	Represent an equivalent equation for a given equation	75.0	63.3	63.6
50 6PR1 (		Write a mathematical expression for a given situation	12.5	26.7	30.2
51 6PR2 (		Create a table of values for a given situation	37.5	68.7	70.4
	2, 6SP1 (L2)	Graph a table of values using a linear graph	43.8	56.6	59.5
53 6PR3 (	2 (1 2)	Mrite e nettern rule for e given problem	31.3	33.5	
54 6PR3 (		Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	18.8	35.4	36.3 39.1
hape and Space	8 (L2)	Represent a pattern rule as a mathematical expression	18.8	35.4	39.1
<u>hape and Space</u> 55 6SS1 (	(L2) (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	18.8 35.7	35.4 65.7	39.1 65.2
<u>hape and Space</u> 55 6SS1 ( 56 6SS3 (	(L2) (L2) (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	18.8 35.7 50.0	35.4 65.7 49.0	39.1 65.2 51.0
<u>hape and Space</u> 55 6SS1 ( 56 6SS3 ( 57 6SS3 (	(L2) (L2) (L2) (L2) (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	18.8 35.7 50.0 50.0	35.4 65.7 49.0 73.7	39.1 65.2 51.0 75.3
<u>hape and Space</u> 55 6SS1 ( 56 6SS3 (	(L2) (L2) (L2) (L2) (L2) (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	18.8 35.7 50.0	35.4 65.7 49.0	39.1 65.2 51.0

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 4 - Eastern

School #: 220 Sacred Heart Academy, Marystown Grades: K-7

ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=54]	<b>District</b> [N=2,936]	<b>Proving</b> [N=4,998
lumber Col	ncepts				
41	6N1 (L1)	Write a given number in written form	21.3	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	32.4	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	26.9	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	28.7	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	23.2	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	50.0	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	50.9	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	28.7	45.7	46.4
	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	59.8	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	25.5	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	62.8	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	50.0	56.6	59.5
50	6PR3 (L2)	Write a pattern rule for a given problem	23.5	33.5	36.3
53 54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	27.5	35.4	39.1
54 Shape and S	6PR3 (L2)	Represent a pattern rule as a mathematical expression	27.5	35.4	39.1
54 Shape and S 55	6PR3 (L2) Space 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	27.5 58.8	35.4 65.7	39.1 65.2
54 hape and 5 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	27.5 58.8 49.0	35.4 65.7 49.0	39.1 65.2 51.0
54 <b>hape and 3</b> 55 56 57	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	27.5 58.8 49.0 81.4	35.4 65.7 49.0 73.7	39.1 65.2 51.0 75.3
54 hape and 5 55 56 57 58	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	27.5 58.8 49.0 81.4 71.6	35.4 65.7 49.0 73.7 68.2	39.1 65.2 51.0 75.3 68.8
54 Shape and S 55 56 57	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	27.5 58.8 49.0 81.4	35.4 65.7 49.0 73.7	39.1 65.2 51.0 75.3 68.8 63.7
54 Shape and S 55 56 57 58 59	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	27.5 58.8 49.0 81.4 71.6 76.5	35.4 65.7 49.0 73.7 68.2 63.8	39.1 65.2 51.0 75.3 68.8 63.7
54 55 56 57 58 59 60 Mental Math	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	27.5 58.8 49.0 81.4 71.6 76.5 61.8	35.4 65.7 49.0 73.7 68.2 63.8 59.8	39.1 65.2 51.0 75.3 68.8 63.7 60.0
54 55 56 57 58 59 60 Mental Math 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	27.5 58.8 49.0 81.4 71.6 76.5 61.8 70.6	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 55 56 57 58 59 60 Mental Math 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	27.5 58.8 49.0 81.4 71.6 76.5 61.8 70.6 68.6	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54 55 56 57 58 59 60 Mental Math 61 62 63	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	27.5 58.8 49.0 81.4 71.6 76.5 61.8 70.6 68.6 35.3	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
54 55 56 57 58 59 60 Mental Math 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	27.5 58.8 49.0 81.4 71.6 76.5 61.8 70.6 68.6 35.3 54.9	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
54 55 56 57 58 59 60 Mental Math 61 62 63 64	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	27.5 58.8 49.0 81.4 71.6 76.5 61.8 70.6 68.6 35.3	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
54 55 56 57 58 59 60 <i>Mental Math</i> 61 62 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	27.5 58.8 49.0 81.4 71.6 76.5 61.8 70.6 68.6 35.3 54.9 36.3 52.9	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
54 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	27.5 58.8 49.0 81.4 71.6 76.5 61.8 70.6 68.6 35.3 54.9 36.3 52.9 52.0	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6         62.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3
54           Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	27.5 58.8 49.0 81.4 71.6 76.5 61.8 70.6 68.6 35.3 54.9 36.3 52.9	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 4 - Eastern

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School #: 223 Christ the King School, Rushoon Grades: K-12

ltem Number	Outcome(s) Cognitive Level	Outcome Description	School [N=6]	<b>District</b> [N=2,936]	<b>Province</b> [N=4,998]
Number Cor	<u>icepts</u>				
41	6N1 (L1)	Write a given number in written form	0.0	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	41.7	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	16.7	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	16.7	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	16.7	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	25.0	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	8.3	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	0.0	45.7	46.4
Patterns and					
49	6PR4 (L2)	Represent an equivalent equation for a given equation	70.0	63.3	63.6
50 51	6PR1 (L2)	Write a mathematical expression for a given situation	0.0	26.7	30.2
1	6PR2 (L2)	Create a table of values for a given situation	40.0	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	50.0	56.6	59.5
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	10.0	33.5 35.4	36.3 39.1
<u>Shape and S</u> 55	5 <b>расе</b> 6SS1 (L2)	Draw an angle of a given measure	50.0	65.7	65.2
56	6SS3 (L2)	Solve measurement problem involving volume	50.0	49.0	51.0
57	6SS3 (L2)	Draw a rectangle for a given area	90.0	73.7	75.3
58	6SS4 (L2)	Draw a specified triangle	80.0	68.2	68.8
59	6SS6 (L2)	Represent the result of combining transformations	0.0	63.8	63.7
60	6SS6 (L2)	Represent the result of combining transformations	0.0	59.8	60.0
<u>Mental Math</u>					
61	6N3 (L1)	Solve a multiplication fact	50.0	87.3	87.4
62	6N5 (L2)	Give an equivalent ratio for a given ratio	83.3	76.4	76.7
63	6N4 (L1)	Give a mixed number for a given improper fraction	50.0	59.2	59.7
64	6N8 (L2)	Find the product of a decimal number and a whole number	16.7	64.6	64.6
65	6N8 (L2)	Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number	0.0	40.1	39.7
66 67	6N8 (L2)		33.3	65.6	64.6
67	6N8 (L2)	Estimate the quotient for division of decimals by a divisor from 1 to 9	33.3	62.4	61.3
68 60	6N9 (L1)	Apply the order of operations to solve a problem	0.0	32.4	33.5
69 70	6SS2 (L2)	Estimate the measure of a given angle Give the measure of a missing angle in a given triangle	66.7	74.2	73.4
70	6SS2 (L2)	Give the measure of a missing angle in a given thangle	50.0	68.0	68.9

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

School

District

Province

#### District 4 - Eastern

School #: 224 Donald C. Jamieson Academy, Burin Bay Arm Grades: K-7

Oradoo. It I		
Item	Outcome(s)	
Number	Cognitive Level	

Item	Outcome(s)		School	District	Province
Number	Cognitive Level	Outcome Description	[N=41]	[N=2,936]	[N=4,998]
<u>Number Co</u>	nconts				
Number Co	<u>incepts</u>				
41	6N1 (L1)	Write a given number in written form	23.2	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	53.7	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	25.6	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	63.4	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	28.1	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	46.3	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	50.0	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	46.3	45.7	46.4
Patterns an	nd Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	57.5	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	25.0	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	82.5	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	55.0	56.6	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	30.0	33.5	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	47.5	35.4	39.1
<u>Shape and</u> 55	<u>Space</u> 6SS1 (L2)	Draw an angle of a given measure	72.5	65.7	65.2
56	6SS3 (L2)	Solve measurement problem involving volume	60.0	49.0	51.0
57	6SS3 (L2)	Draw a rectangle for a given area	63.8	73.7	75.3
58	6SS4 (L2)	Draw a specified triangle	76.3	68.2	68.8
59	6SS6 (L2)	Represent the result of combining transformations	80.0	63.8	63.7
60	6SS6 (L2)	Represent the result of combining transformations	87.5	59.8	60.0
00	0330 (L2)		07.5	59.6	60.0
<u>Mental Mati</u>	<u>h</u>				
61	6N3 (L1)	Solve a multiplication fact	78.8	87.3	87.4
62	6N5 (L2)	Give an equivalent ratio for a given ratio	62.5	76.4	76.7
63	6N4 (L1)	Give a mixed number for a given improper fraction	58.8	59.2	59.7
64	6N8 (L2)	Find the product of a decimal number and a whole number	62.5	64.6	64.6
65	6N8 (L2)	Solve a problem for division of decimals by a divisor from 1 to 9	36.3	40.1	39.7
66	6N8 (L2)	Estimate the product of a decimal number by a whole number	48.8	65.6	64.6
67	6N8 (L2)	Estimate the quotient for division of decimals by a divisor from 1 to 9	48.8	62.4	61.3
68	6N9 (L1)	Apply the order of operations to solve a problem	5.0	32.4	33.5
69	6SS2 (L2)	Estimate the measure of a given angle	77.5	74.2	73.4
70	6SS2 (L2)	Give the measure of a missing angle in a given triangle	77.5	68.0	68.9
70		ente alle modoure et a mooning angle in a given mangle	11.5	00.0	00.0

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 4 - Eastern

School #: 226 Fortune Bay Academy, St. Bernard's - Jacques Fontaine Grades: K-12

ltem Number	Outcome(s) Cognitive Level	Outcome Description	School [N=17]	<b>District</b> [N=2,936]	<b>Provind</b> [N=4,998
Number Col	ncepts				
41	6N1 (L1)	Write a given number in written form	53.1	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	40.6	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	53.1	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	62.5	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	21.9	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	53.1	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	78.1	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	37.5	45.7	46.4
Patterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	68.8	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	6.3	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	75.0	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	65.6	56.6	59.5
	,	Write a pattern rule for a given problem	31.3	33.5	36.3
53					
53 54	6PR3 (L2) 6PR3 (L2)	Represent a pattern rule as a mathematical expression	15.6	35.4	39.1
54	6PR3 (L2)	· · · · · · · · · · · · · · · · · · ·			39.1
54 Thape and S	6PR3 (L2) Space	Represent a pattern rule as a mathematical expression	15.6	35.4	39.1 65.2
54 Shape and S 55	6PR3 (L2) <b>Space</b> 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	15.6 75.0	35.4 65.7	39.1 65.2 51.0
54 Thape and 5 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	15.6 75.0 50.0	35.4 65.7 49.0	39.1 65.2 51.0 75.3
54 <b>hape and S</b> 55 56 57	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	15.6 75.0 50.0 87.5	35.4 65.7 49.0 73.7	39.1 65.2 51.0 75.3 68.8
54 Shape and S 55 56 57 58	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	15.6 75.0 50.0 87.5 84.4	35.4 65.7 49.0 73.7 68.2	
54 Shape and S 55 56 57 58 58 59	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	15.6 75.0 50.0 87.5 84.4 50.0	35.4 65.7 49.0 73.7 68.2 63.8	39.1 65.2 51.0 75.3 68.8 63.7
54 55 56 57 58 59 60 Mental Math	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	15.6 75.0 50.0 87.5 84.4 50.0 59.4	35.4 65.7 49.0 73.7 68.2 63.8 59.8	39.1 65.2 51.0 75.3 68.8 63.7 60.0
54 55 56 57 58 59 60 Mental Math 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	15.6 75.0 50.0 87.5 84.4 50.0 59.4 87.5	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 55 56 57 58 59 60 Mental Math 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	15.6 75.0 50.0 87.5 84.4 50.0 59.4 87.5 78.1	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54 Shape and S 55 56 57 58 59 60 Mental Math 61 62 63	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	15.6 75.0 50.0 87.5 84.4 50.0 59.4 87.5 78.1 43.8	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
54 55 56 57 58 59 60 Mental Math 61 62 63 64	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	15.6 75.0 50.0 87.5 84.4 50.0 59.4 87.5 78.1 43.8 81.3	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
54           Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	15.6 75.0 50.0 87.5 84.4 50.0 59.4 87.5 78.1 43.8 81.3 62.5	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
54 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	15.6 75.0 50.0 87.5 84.4 50.0 59.4 87.5 78.1 43.8 81.3 62.5 59.4	35.4 65.7 49.0 73.7 68.2 63.8 59.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
54 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	15.6 75.0 50.0 87.5 84.4 50.0 59.4 87.5 78.1 43.8 81.3 62.5 59.4 65.6	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 39.7
54           Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	15.6 75.0 50.0 87.5 84.4 50.0 59.4 87.5 78.1 43.8 81.3 62.5 59.4	35.4 65.7 49.0 73.7 68.2 63.8 59.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 4 - Eastern

School #: 228 St. Lawrence Academy, St. Lawrence Grades: K-12

Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=9]	<b>District</b> [N=2,936]	<b>Province</b> [N=4,998]
<u>Number Co</u>	ncepts				
41	6N1 (L1)	Write a given number in written form	38.9	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	72.2	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	11.1	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	33.3	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	22.2	30.7	30.3
46 47	6N3 (L3) 6N7 (L3)	Solve a problem involving factors Compare the value of two given integers	38.9	53.9 58.7	55.3
	. ,		38.9		59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	55.6	45.7	46.4
<u>Patterns an</u>	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	66.7	63.3	63.6
49 50	6PR1 (L2)	Write a mathematical expression for a given situation	22.2	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	55.6	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	44.4	56.6	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	27.8	33.5	36.3
53	6PR3 (L2)	Represent a pattern rule as a mathematical expression	50.0	33.5	30.3
<u>Shape and s</u> 55	<u>Space</u> 6SS1 (L2)	Draw an angle of a given measure	66.7	65.7	65.2
		Draw an angle of a given measure Solve measurement problem involving volume	66.7 44.4	65.7 49.0	65.2 51.0
55	6SS1 (L2)				
55 56	6SS1 (L2) 6SS3 (L2)	Solve measurement problem involving volume	44.4	49.0	51.0
55 56 57	6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area	44.4 77.8	49.0 73.7	51.0 75.3
55 56 57 58	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle	44.4 77.8 88.9	49.0 73.7 68.2	51.0 75.3 68.8
55 56 57 58 59	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	44.4 77.8 88.9 55.6	49.0 73.7 68.2 63.8	51.0 75.3 68.8 63.7
55 56 57 58 59 60	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	44.4 77.8 88.9 55.6	49.0 73.7 68.2 63.8	51.0 75.3 68.8 63.7
55 56 57 58 59 60 <u>Mental Math</u>	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	44.4 77.8 88.9 55.6 22.2	49.0 73.7 68.2 63.8 59.8	51.0 75.3 68.8 63.7 60.0
55 56 57 58 59 60 <u>Mental Matt</u>	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact	44.4 77.8 88.9 55.6 22.2 100.0	49.0 73.7 68.2 63.8 59.8 87.3	51.0 75.3 68.8 63.7 60.0 87.4
55 56 57 58 59 60 <u>Mental Matt</u> 61 62	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1) 6N5 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	44.4 77.8 88.9 55.6 22.2 100.0 55.6	49.0 73.7 68.2 63.8 59.8 87.3 76.4	51.0 75.3 68.8 63.7 60.0 87.4 76.7
55 56 57 58 59 60 <u>Mental Math</u> 61 62 63	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction	44.4 77.8 88.9 55.6 22.2 100.0 55.6 55.6	49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
55 56 57 58 59 60 <u>Mental Math</u> 61 61 62 63 63 64	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	44.4 77.8 88.9 55.6 22.2 100.0 55.6 55.6 44.4	49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64 65	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	44.4 77.8 88.9 55.6 22.2 100.0 55.6 55.6 44.4 11.1	49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64 65 66	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	44.4 77.8 88.9 55.6 22.2 100.0 55.6 55.6 44.4 11.1 50.0	49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64 65 66 67	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	44.4 77.8 88.9 55.6 22.2 100.0 55.6 55.6 44.4 11.1 50.0 50.0	49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 4 - Eastern

School #: 229 St. Joseph's All Grade, Terrenceville

Grades: K-12

ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=9]	<b>District</b> [N=2,936]	<b>Provinc</b> [N=4,998
umber Co	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form	83.3	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	77.8	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	50.0	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	50.0	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	33.3	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	66.7	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	50.0	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	38.9	45.7	46.4
atterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	88.9	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	55.6	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	72.2	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	83.3	56.6	59.5
0-	,			33.5	36.3
53	6PR3 (12)	Wirite a pattern rille for a diven proplem			
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	38.9 44.4	35.4	39.1
	6PR3 (L2)				
54 hape and	6PR3 (L2)	Represent a pattern rule as a mathematical expression	44.4	35.4	39.1
54 <b>hape and</b> 55	6PR3 (L2) <b>Space</b> 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	44.4 77.8	35.4 65.7	39.1 65.2
54 hape and 5 55 56	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	44.4 77.8 83.3	35.4 65.7 49.0	39.1 65.2 51.0
54 hape and 5 55 56 57	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	44.4 77.8 83.3 100.0	35.4 65.7 49.0 73.7	39.1 65.2 51.0 75.3
54 hape and 5 55 56 57 58	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	44.4 77.8 83.3 100.0 88.9	35.4 65.7 49.0 73.7 68.2	39.1 65.2 51.0 75.3 68.8
54 hape and a 55 56 57 58 59 60	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) <b>b</b>	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	44.4 77.8 83.3 100.0 88.9 33.3 38.9	35.4 65.7 49.0 73.7 68.2 63.8 59.8	39.1 65.2 51.0 75.3 68.8 63.7 60.0
54 hape and a 55 56 57 58 59 60 lental Math 61	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	44.4 77.8 83.3 100.0 88.9 33.3 38.9 77.8	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 hape and a 55 56 57 58 59 60 lental Math 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	44.4 77.8 83.3 100.0 88.9 33.3 38.9 77.8 88.9	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54 hape and s 55 56 57 58 59 60 Mental Math 61 62 63	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	44.4 77.8 83.3 100.0 88.9 33.3 38.9 33.9 77.8 88.9 55.6	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
54 hape and 5 55 56 57 58 59 60 Mental Math 61 62 63 64	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	44.4 77.8 83.3 100.0 88.9 33.3 38.9 77.8 88.9 55.6 33.3	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
54 hape and s 55 56 57 58 59 60 lental Math 61 62 63 64 65	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	44.4 77.8 83.3 100.0 88.9 33.3 38.9 33.3 38.9 77.8 88.9 55.6 33.3 22.2	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7
54 hape and a 55 56 57 58 59 60 <i>lental Matl</i> 61 62 63 64 65 66	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	44.4 77.8 83.3 100.0 88.9 33.3 38.9 77.8 88.9 55.6 33.3 22.2 72.2	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
54 hape and a 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	44.4 77.8 83.3 100.0 88.9 33.3 38.9 33.3 38.9 77.8 88.9 55.6 33.3 22.2	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
54 hape and a 55 56 57 58 59 60 <i>lental Matl</i> 61 62 63 64 65 66	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	44.4 77.8 83.3 100.0 88.9 33.3 38.9 77.8 88.9 55.6 33.3 22.2 72.2	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
54 hape and a 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	44.4 77.8 83.3 100.0 88.9 33.3 38.9 77.8 88.9 55.6 33.3 22.2 72.2 61.1	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 4 - Eastern

School #: 232 Matthew Elementary School, Bonavista Grades: K-8

Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=40]	<b>District</b> [N=2,936]	<b>Province</b> [N=4,998]
Number Co	ncents				
<u>Mulliber</u> Oo	ncepta				
41	6N1 (L1)	Write a given number in written form	53.9	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	24.4	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	48.7	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	50.0	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	26.9	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	48.7	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	64.1	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	51.3	45.7	46.4
	d Relations		70.0		
49	6PR4 (L2)	Represent an equivalent equation for a given equation	76.3	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	18.4	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	80.3	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	71.1	56.6	59.5
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	23.7 44.7	33.5 35.4	36.3 39.1
Shape and	Space				
55	6SS1 (L2)	Draw an angle of a given measure	77.6	65.7	65.2
55 56		Draw an angle of a given measure Solve measurement problem involving volume	77.6	65.7 49.0	65.2 51.0
	6SS1 (L2)			-	
56	6SS1 (L2) 6SS3 (L2)	Solve measurement problem involving volume	44.7	49.0	51.0
56 57	6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area	44.7 75.0	49.0 73.7	51.0 75.3
56 57 58	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle	44.7 75.0 76.3	49.0 73.7 68.2	51.0 75.3 68.8
56 57 58 59	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	44.7 75.0 76.3 65.8	49.0 73.7 68.2 63.8	51.0 75.3 68.8 63.7
56 57 58 59 60 <u>Mental Matt</u>	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	44.7 75.0 76.3 65.8	49.0 73.7 68.2 63.8	51.0 75.3 68.8 63.7
56 57 58 59 60 <u>Mental Mat</u>	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	44.7 75.0 76.3 65.8 60.5	49.0 73.7 68.2 63.8 59.8	51.0 75.3 68.8 63.7 60.0
56 57 58 59 60 <u>Mental Matt</u>	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact	44.7 75.0 76.3 65.8 60.5 59.0	49.0 73.7 68.2 63.8 59.8 87.3	51.0 75.3 68.8 63.7 60.0 87.4
56 57 58 59 60 <u>Mental Matt</u> 61 62 63 63 64	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	44.7 75.0 76.3 65.8 60.5 59.0 61.5	49.0 73.7 68.2 63.8 59.8 87.3 76.4	51.0 75.3 68.8 63.7 60.0 87.4 76.7
56 57 58 59 60 <u>Mental Matt</u> 61 62 63	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	44.7 75.0 76.3 65.8 60.5 59.0 61.5 61.5	49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
56 57 58 59 60 <u>Mental Matt</u> 61 62 63 63 64	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	44.7 75.0 76.3 65.8 60.5 59.0 61.5 61.5 35.9	49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
56 57 58 59 60 <u>Mental Matt</u> 61 62 63 63 64 65	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	44.7 75.0 76.3 65.8 60.5 59.0 61.5 61.5 61.5 35.9 35.9	49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
56 57 58 60 60 <u>Mental Matt</u> 61 62 63 63 64 65 66	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	44.7 75.0 76.3 65.8 60.5 59.0 61.5 61.5 35.9 35.9 62.8	49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
56 57 58 59 60 <u>Mental Mat</u> 61 62 63 63 64 65 66 66 67	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	44.7 75.0 76.3 65.8 60.5 59.0 61.5 61.5 35.9 35.9 62.8 61.5	49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

District 4 - Eastern

# School #: 234 Catalina Elementary School, Catalina

Grades: K-8

ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=15]	<b>District</b> [N=2,936]	<b>Proving</b> [N=4,998
lumber Col	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form	60.7	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	42.9	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	64.3	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	50.0	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	21.4	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	67.9	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	64.3	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	57.1	45.7	46.4
	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	85.7	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	21.4	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	75.0	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	67.9	56.6	59.5
			E7 4	33.5	36.3
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	57.1 46.4	35.4	39.1
54	6PR3 (L2)	· · · · · · · · · · · · · · · · · · ·			
54 hape and \$ 55	6PR3 (L2) Space 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	46.4 64.3	35.4 65.7	39.1 65.2
54 hape and 5 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	46.4 64.3 67.9	35.4 65.7 49.0	39.1 65.2 51.0
54 hape and 5 55 56 57	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	46.4 64.3 67.9 75.0	35.4 65.7 49.0 73.7	39.1 65.2 51.0 75.3
54 hape and 5 55 56 57 58	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	46.4 64.3 67.9 75.0 78.6	35.4 65.7 49.0 73.7 68.2	39.1 65.2 51.0 75.3 68.8
54 hape and 5 55 56 57 58 59	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	46.4 64.3 67.9 75.0 78.6 53.6	35.4 65.7 49.0 73.7 68.2 63.8	39.1 65.2 51.0 75.3 68.8 63.7
54 <b>Shape and S</b> 55 56 57 58	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	46.4 64.3 67.9 75.0 78.6	35.4 65.7 49.0 73.7 68.2	39.1 65.2 51.0 75.3 68.8 63.7
54 <b>Shape and S</b> 55 56 57 58 59 60	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	46.4 64.3 67.9 75.0 78.6 53.6	35.4 65.7 49.0 73.7 68.2 63.8	39.1 65.2 51.0 75.3 68.8 63.7
54 55 56 57 58 59 60 Mental Math	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	46.4 64.3 67.9 75.0 78.6 53.6 50.0	35.4 65.7 49.0 73.7 68.2 63.8 59.8	39.1 65.2 51.0 75.3 68.8 63.7 60.0
54 <i>hape and s</i> 55 56 57 58 59 60	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	46.4 64.3 67.9 75.0 78.6 53.6	35.4 65.7 49.0 73.7 68.2 63.8	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 55 56 57 58 59 60 Mental Math 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	46.4 64.3 67.9 75.0 78.6 53.6 50.0 80.0 80.0	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54 <b>Thape and S</b> 55 56 57 58 59 60 <b>Mental Math</b> 61 62	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	46.4 64.3 67.9 75.0 78.6 53.6 50.0 80.0 80.0 46.7	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
54 hape and 5 55 56 57 58 59 60 Mental Math 61 62 63	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	46.4 64.3 67.9 75.0 78.6 53.6 50.0 80.0 80.0	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
54 Shape and S 55 56 57 58 59 60 Mental Math 61 62 63 64	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	46.4 64.3 67.9 75.0 78.6 53.6 50.0 80.0 80.0 46.7 46.7	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
54 hape and 3 55 56 57 58 59 60 Mental Math 61 62 63 64 65	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	46.4 64.3 67.9 75.0 78.6 53.6 50.0 80.0 80.0 46.7 46.7 26.7	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
54 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 67	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	46.4 64.3 67.9 75.0 78.6 53.6 50.0 80.0 80.0 80.0 46.7 46.7 26.7 76.7 83.3	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6         62.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3
54 <i>hape and</i> 3 55 56 57 58 59 60 <i>fental Math</i> 61 62 63 64 65 66	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	46.4 64.3 67.9 75.0 78.6 53.6 50.0 80.0 80.0 46.7 46.7 26.7 76.7	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

### District 4 - Eastern

School #: 237 Anthony Paddon Elementary, Musgravetown

Grades: K-6

ltem lumber	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=29]	<b>District</b> [N=2,936]	<b>Provinc</b> [N=4,998
umber Co	ncepts				
41	6N1 (L1)	Write a given number in written form	9.6	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	50.0	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	19.2	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	53.9	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	15.4	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	53.9	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	48.1	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	19.2	45.7	46.4
atterns an	nd Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	84.6	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	59.6	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	84.6	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	69.2	56.6	59.5
02				33.5	36.3
53	6PR3 (L2)	Write a pattern rule for a given problem	48.1	33.0	30.3
	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	48.1 78.9	35.4	39.1
53	6PR3 (L2)				
53 54 hape and 3 55 56	6PR3 (L2) <u>Space</u> 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume	78.9 76.9 50.0	35.4	39.1
53 54 hape and 5	6PR3 (L2) <b>Space</b> 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	78.9 76.9	35.4 65.7	39.1 65.2
53 54 hape and 3 55 56	6PR3 (L2) <u>Space</u> 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume	78.9 76.9 50.0	35.4 65.7 49.0	39.1 65.2 51.0
53 54 hape and 5 55 56 57	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	78.9 76.9 50.0 71.2	35.4 65.7 49.0 73.7	39.1 65.2 51.0 75.3
53 54 hape and 5 55 56 57 58	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	78.9 76.9 50.0 71.2 76.9	35.4 65.7 49.0 73.7 68.2	39.1 65.2 51.0 75.3 68.8
53 54 hape and 3 55 56 57 58 59	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	78.9 76.9 50.0 71.2 76.9 73.1	35.4 65.7 49.0 73.7 68.2 63.8	39.1 65.2 51.0 75.3 68.8 63.7
53 54 hape and 5 55 56 57 58 59 60 ental Math 61	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	78.9 76.9 50.0 71.2 76.9 73.1	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3	39.1 65.2 51.0 75.3 68.8 63.7
53 54 hape and 5 55 56 57 58 59 60 ental Math	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) b 6N3 (L1) 6N5 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	78.9 76.9 50.0 71.2 76.9 73.1 57.7	35.4 65.7 49.0 73.7 68.2 63.8 59.8	39.1           65.2           51.0           75.3           68.8           63.7           60.0
53 54 hape and 5 55 56 57 58 59 60 ental Math 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	78.9 76.9 50.0 71.2 76.9 73.1 57.7 85.7	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
53 54 hape and 3 55 56 57 58 59 60 ental Math 61 62	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) <b>b</b> 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	78.9 76.9 50.0 71.2 76.9 73.1 57.7 85.7 75.0	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
53 54 hape and 5 55 56 57 58 59 60 ental Math 61 62 63	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) <b>b</b> 6N3 (L1) 6N5 (L2) 6N4 (L1)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	78.9 76.9 50.0 71.2 76.9 73.1 57.7 85.7 75.0 3.6	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7
53 54 hape and 5 55 56 57 58 59 60 ental Math 61 62 63 63 64	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) <b>b</b> 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	78.9 76.9 50.0 71.2 76.9 73.1 57.7 85.7 75.0 3.6 46.4	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6
53 54 hape and 5 55 56 57 58 59 60 ental Math 61 62 63 64 65	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) <b>b</b> 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	78.9 76.9 50.0 71.2 76.9 73.1 57.7 85.7 75.0 3.6 46.4 14.3	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7
53 54 hape and 5 55 56 57 58 59 60 ental Math 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	78.9 76.9 50.0 71.2 76.9 73.1 57.7 85.7 75.0 3.6 46.4 14.3 57.1	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
53         54         hape and s         55         56         57         58         59         60         ental Math         61         62         63         64         65         66         67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	78.9 76.9 50.0 71.2 76.9 73.1 57.7 85.7 75.0 3.6 46.4 14.3 57.1 46.4	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6         62.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

### District 4 - Eastern

School #: 240 Bishop White School, Port Rexton Grades: K-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=9]	<b>District</b> [N=2,936]	<b>Province</b> [N=4,998]
Number Cor	ncepts				
41	6N1 (L1)	Write a given number in written form	77.8	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	88.9	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	88.9	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	72.2	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	72.2	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	94.4	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	88.9	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	100.0	45.7	46.4
Patterns and	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	100.0	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	77.8	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	100.0	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	88.9	56.6	59.5
		Write a pattern rule for a given problem	55.6	33.5	36.3
53	6PR3 (L2)	while a pattern rule for a given problem	00.0	00.0	
53 54	6PR3 (L2) 6PR3 (L2)	Represent a pattern rule as a mathematical expression	77.8	35.4	39.1
54 Shape and S	6PR3 (L2)	Represent a pattern rule as a mathematical expression	77.8	35.4	
54 Shape and S 55	6PR3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	77.8 83.3	<u>35.4</u> 65.7	65.2
54 <u>Shape and S</u> 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	77.8 83.3 100.0	35.4 65.7 49.0	65.2 51.0
54 Shape and S 55	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	77.8 83.3 100.0 88.9	35.4 65.7 49.0 73.7	65.2 51.0 75.3
54 Shape and S 55 56 57	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	77.8 83.3 100.0	35.4 65.7 49.0	65.2 51.0
54 <b>Shape and S</b> 55 56 57 58	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	77.8 83.3 100.0 88.9 100.0	35.4 65.7 49.0 73.7 68.2	65.2 51.0 75.3 68.8
54 <b>Shape and S</b> 55 56 57 58 59	6PR3 (L2) 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	77.8 83.3 100.0 88.9 100.0 88.9	35.4 65.7 49.0 73.7 68.2 63.8	65.2 51.0 75.3 68.8 63.7
54           Shape and S           55           56           57           58           59           60	6PR3 (L2) 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	77.8 83.3 100.0 88.9 100.0 88.9	35.4 65.7 49.0 73.7 68.2 63.8	65.2 51.0 75.3 68.8 63.7
54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b>	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	77.8 83.3 100.0 88.9 100.0 88.9 94.4	35.4         65.7         49.0         73.7         68.2         63.8         59.8	65.2 51.0 75.3 68.8 63.7 60.0
54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b> 61	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	77.8 83.3 100.0 88.9 100.0 88.9 94.4 88.9	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3	65.2 51.0 75.3 68.8 63.7 60.0 87.4
54           Shape and S           55           56           57           58           59           60           Mental Math           61           62	6PR3 (L2) 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	77.8 83.3 100.0 88.9 100.0 88.9 94.4 88.9 100.0	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54           Shape and S           55           56           57           58           59           60           Mental Math           61           62           63	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	77.8 83.3 100.0 88.9 100.0 88.9 94.4 88.9 100.0 100.0	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
54           Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	77.8 83.3 100.0 88.9 100.0 88.9 94.4 88.9 94.4 88.9 100.0 100.0 100.0	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
54           Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	77.8 83.3 100.0 88.9 100.0 88.9 94.4 88.9 94.4 88.9 100.0 100.0 100.0 77.8	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
54           Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	77.8 83.3 100.0 88.9 100.0 88.9 94.4 88.9 94.4 88.9 100.0 100.0 100.0 77.8 88.9	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
54           Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66           67	6PR3 (L2) 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	77.8 83.3 100.0 88.9 100.0 88.9 94.4 88.9 94.4 88.9 100.0 100.0 100.0 77.8 88.9 100.0	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6         62.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

### District 4 - Eastern

School #: 242 Random Island Academy, Hickman's Harbour

Grades: K-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=8]	<b>District</b> [N=2,936]	Provinc [N=4,998
umber Co	ncepts				
41	6N1 (L1)	Write a given number in written form	28.6	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	42.9	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	21.4	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	42.9	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	50.0	30.7	30.3
46 47	6N3 (L3)	Solve a problem involving factors	42.9	53.9	55.3
	6N7 (L3)	Compare the value of two given integers	57.1	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	42.9	45.7	46.4
atterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	75.0	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	25.0	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	62.5	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	81.3	56.6	59.5
	0:::( <u></u> , 00:::( <u></u> )				1
	6PR3 (12)	Write a pattern rule for a given problem	13.8	225	
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	43.8 75.0	33.5 35.4	36.3 39.1
53 54 hape and \$	6PR3 (L2) Space	Represent a pattern rule as a mathematical expression	75.0	35.4	39.1
53 54 hape and \$ 55	6PR3 (L2) Space 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	75.0	35.4 65.7	39.1 65.2
53 54 hape and \$ 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	75.0 100.0 75.0	35.4 65.7 49.0	39.1 65.2 51.0
53 54 hape and \$ 55 56 57	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	75.0 100.0 75.0 100.0	35.4 65.7 49.0 73.7	39.1 65.2 51.0 75.3
53 54 hape and \$ 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	75.0 100.0 75.0 100.0 100.0	35.4 65.7 49.0 73.7 68.2	39.1 65.2 51.0 75.3 68.8
53 54 hape and \$ 55 56 57 58	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	75.0 100.0 75.0 100.0	35.4 65.7 49.0 73.7	39.1 65.2 51.0 75.3 68.8 63.7
53 54 hape and \$ 55 56 57 58 59	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	75.0 100.0 75.0 100.0 100.0 75.0	35.4 65.7 49.0 73.7 68.2 63.8	
53 54 hape and \$ 55 56 57 58 59 60 ental Math 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	75.0 100.0 75.0 100.0 75.0 75.0 75.0 62.5	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
53 54 hape and \$ 55 56 57 58 59 60 lental Math 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	75.0 100.0 75.0 100.0 75.0 75.0 75.0 62.5 100.0	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
53 54 hape and \$ 55 56 57 58 59 60 hental Math 61 62 63	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	75.0 100.0 75.0 100.0 75.0 75.0 75.0 62.5 100.0 62.5	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
53 54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63 63 64	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	75.0 100.0 75.0 100.0 75.0 75.0 75.0 62.5 100.0 62.5 75.0	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
53 54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	75.0 100.0 75.0 100.0 75.0 75.0 75.0 62.5 100.0 62.5 75.0 37.5	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
53 54 hape and \$ 55 56 57 58 59 60 hental Math 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	75.0 100.0 75.0 100.0 75.0 75.0 75.0 62.5 100.0 62.5 75.0	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
53 54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	75.0 100.0 75.0 100.0 75.0 75.0 75.0 62.5 100.0 62.5 75.0 37.5	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
53 54 hape and \$ 55 56 57 58 59 60 hental Math 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	75.0 100.0 75.0 100.0 75.0 75.0 75.0 62.5 100.0 62.5 75.0 37.5 56.3	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	39.1 65.2 51.0 75.3 68.8 63.7
53 54 hape and S 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	75.0 100.0 75.0 100.0 75.0 75.0 75.0 62.5 100.0 62.5 75.0 37.5 56.3 50.0	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

### District 4 - Eastern

# School #: 243 Riverside Elementary, Shoal Harbour

Grades: K-6	
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Item Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=92]	District [N=2,936]	<b>Province</b> [N=4,998]
<u>Number Co</u>	ncents				
<u>number oo</u>	ncepta				
41	6N1 (L1)	Write a given number in written form	27.8	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	34.1	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	29.0	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	45.5	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	33.5	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	52.8	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	59.1	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	38.1	45.7	46.4
<u>Patterns an</u>	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	71.4	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	24.2	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	69.7	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	74.7	56.6	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	34.8	33.5	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	47.8	35.4	39.1
Shape and			04.0	05.7	05.0
55	6SS1 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume	64.6	65.7	65.2
56 57	6SS3 (L2) 6SS3 (L2)	Draw a rectangle for a given area	56.2 80.3	49.0 73.7	51.0
58	6SS4 (L2)		00.5		75.2
59		Draw a specified triangle	55 1		75.3 68.8
	. ,	Draw a specified triangle Represent the result of combining transformations	55.1 57 3	68.2	68.8
60	6SS6 (L2)	Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	55.1 57.3 61.2		
60 <u>Mental Mat</u> l	6SS6 (L2) 6SS6 (L2)	Represent the result of combining transformations Represent the result of combining transformations	57.3 61.2	68.2 63.8 59.8	68.8 63.7
60 <u>Mental Math</u> 61	6SS6 (L2) 6SS6 (L2) 6N3 (L1)	Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	57.3 61.2 80.0	68.2 63.8 59.8 87.3	68.8 63.7 60.0 87.4
60 <u>Mental Math</u> 61 62	6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2)	Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	57.3 61.2 80.0 84.4	68.2 63.8 59.8 87.3 76.4	68.8 63.7 60.0 87.4 76.7
60 <u>Mental Matt</u> 61 62 63	6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1)	Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	57.3 61.2 80.0 84.4 62.2	68.2 63.8 59.8 87.3 76.4 59.2	68.8 63.7 60.0 87.4 76.7 59.7
60 <u>Mental Matt</u> 61 62 63 64	6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	57.3 61.2 80.0 84.4 62.2 70.0	68.2 63.8 59.8 87.3 76.4 59.2 64.6	68.8 63.7 60.0 87.4 76.7 59.7 64.6
60 <u>Mental Math</u> 61 62 63 64 65	6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	57.3 61.2 80.0 84.4 62.2 70.0 32.2	68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
60 <u>Mental Math</u> 61 62 63 64 65 66	6SS6 (L2) 6SS6 (L2) 2 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	57.3 61.2 80.0 84.4 62.2 70.0 32.2 69.4	68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
60 <u>Mental Math</u> 61 62 63 64 65 66 67	6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	57.3 61.2 80.0 84.4 62.2 70.0 32.2 69.4 69.4	68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4	68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3
60 Mental Matt 61 62 63 64 65 66 67 68	6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number         Estimate the quotient for division of decimals by a divisor from 1 to 9         Apply the order of operations to solve a problem	57.3 61.2 80.0 84.4 62.2 70.0 32.2 69.4 69.4 69.4 43.9	68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4 32.4	68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3 33.5
60 <u>Mental Math</u> 61 62 63 64 65 66 67	6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	57.3 61.2 80.0 84.4 62.2 70.0 32.2 69.4 69.4	68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4	68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

### District 4 - Eastern

School #: 246 Swift Current Academy, Swift Current Grades: K-12

ltem Jumber	Outcome(s) Cognitive Level	Outcome Description	School [N=5]	<b>District</b> [N=2,936]	<b>Provinc</b> [N=4,998
umber Col	ncepts				
41	6N1 (L1)	Write a given number in written form		33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	School data with 5 or	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	fewer	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	students	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	withheld for	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	reasons of	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	confidentiality	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers		45.7	46.4
atterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation		63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation		26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation		68.7	70.4
50	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph		56.6	59.5
52					
		Write a pattern rule for a given problem		33.5	36.3
52 53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression		33.5 35.4	36.3 39.1
53 54	6PR3 (L2) 6PR3 (L2)				
53 54 hape and \$	6PR3 (L2) 6PR3 (L2) Space	Represent a pattern rule as a mathematical expression		35.4	39.1
53 54 hape and 5	6PR3 (L2) 6PR3 (L2) Space 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure		35.4	39.1 65.2
53 54 hape and \$ 55 56	6PR3 (L2) 6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume		35.4 65.7 49.0	39.1 65.2 51.0 75.3
53 54 hape and \$ 55 56 57	6PR3 (L2) 6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area		35.4 65.7 49.0 73.7	39.1 65.2 51.0 75.3 68.8
53 54 hape and 5 55 56 57 58	6PR3 (L2) 6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle		35.4 65.7 49.0 73.7 68.2	39.1 65.2 51.0 75.3 68.8 63.7
53 54 hape and 3 55 56 57 58 59	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations		35.4 65.7 49.0 73.7 68.2 63.8	39.1 65.2 51.0
53 54 hape and \$ 55 56 57 58 59 60	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations		35.4 65.7 49.0 73.7 68.2 63.8	39.1 65.2 51.0 75.3 68.8 63.7
53 54 hape and 3 55 56 57 58 59 60 ental Math	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations		35.4 65.7 49.0 73.7 68.2 63.8 59.8	39.1           65.2           51.0           75.3           68.8           63.7           60.0
53 54 hape and 3 55 56 57 58 59 60 ental Math 61	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact		35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
53 54 hape and 5 55 56 57 58 59 60 ental Math 61 62	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number		35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
53 54 hape and S 55 56 57 58 59 60 ental Math 61 62 63	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction		35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
53 54 hape and 5 55 56 57 58 59 60 60 <i>ental Math</i> 61 62 63 63 64	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number		35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
53 54 hape and 5 55 56 57 58 59 60 ental Math 61 62 63 63 64 65	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9		35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7
53 54 hape and 3 55 56 57 58 59 60 ental Math 61 62 63 64 65 66	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number		35.4 65.7 49.0 73.7 68.2 63.8 59.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
53 54 hape and S 55 56 57 58 59 60 ental Math 61 62 63 64 65 66 66 67	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9		35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

### District 4 - Eastern

# School #: 248 Amalgamated Academy, Bay Roberts

Grades: 4-9

ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=86]	<b>District</b> [N=2,936]	<b>Provine</b> [N=4,998
lumber Col	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form	21.9	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	43.1	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	46.3	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	41.3	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	20.6	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	69.4	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	73.8	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	46.3	45.7	46.4
<u>Patterns an</u>	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	70.7	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	42.7	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	69.5	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	56.1	56.6	59.5
	6PR3 (L2)	Write a pattern rule for a given problem	38.4	33.5	36.3
53	6PR3 (L2)	White a pattern rate for a given problem	00		
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	37.2	35.4	39.1
54	6PR3 (L2)				39.1
54 hape and S	6PR3 (L2)	Represent a pattern rule as a mathematical expression	37.2	35.4	39.1 65.2
54 Shape and \$ 55	6PR3 (L2) Space 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	37.2 89.0	35.4 65.7	39.1 65.2 51.0
54 hape and 5 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	37.2 89.0 67.7	35.4 65.7 49.0	39.1 65.2 51.0 75.3
54 hape and 5 55 56 57	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	37.2 89.0 67.7 76.2	35.4 65.7 49.0 73.7	39.1 65.2 51.0 75.3 68.8
54 Shape and S 55 56 57 58 58 59	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	37.2 89.0 67.7 76.2 80.5 72.0	35.4 65.7 49.0 73.7 68.2 63.8	39 65 51 75 68 63
54 Shape and S 55 56 57 58	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	37.2 89.0 67.7 76.2 80.5	35.4 65.7 49.0 73.7 68.2	39.1 65.2 51.0 75.3 68.8 63.7
54 Shape and S 55 56 57 58 59 60	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	37.2 89.0 67.7 76.2 80.5 72.0	35.4 65.7 49.0 73.7 68.2 63.8	39.1 65.2 51.0 75.3 68.8 63.7 60.0
54 55 56 57 58 59 60 Mental Math	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	37.2 89.0 67.7 76.2 80.5 72.0 73.2	35.4 65.7 49.0 73.7 68.2 63.8 59.8	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 55 56 57 58 59 60 Mental Math 61	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	37.2 89.0 67.7 76.2 80.5 72.0 73.2 98.8	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54 55 56 57 58 59 60 Mental Math 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	37.2 89.0 67.7 76.2 80.5 72.0 73.2 98.8 81.3	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
54 hape and S 55 56 57 58 59 60 hental Math 61 62 63	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	37.2 89.0 67.7 76.2 80.5 72.0 73.2 98.8 81.3 47.5	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
54 hape and 3 55 56 57 58 59 60 Mental Math 61 62 63 64	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	37.2 89.0 67.7 76.2 80.5 72.0 73.2 98.8 81.3 47.5 51.3	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
54 <i>hape and</i> 3 55 56 57 58 59 60 <i>fental Math</i> 61 62 63 64 65	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	37.2 89.0 67.7 76.2 80.5 72.0 73.2 98.8 81.3 47.5 51.3 53.8	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
54 hape and 3 55 56 57 58 59 60 hental Math 61 62 63 64 65 66	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	37.2 89.0 67.7 76.2 80.5 72.0 73.2 98.8 81.3 47.5 51.3 53.8 75.0	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3
54           Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66           67	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	37.2 89.0 67.7 76.2 80.5 72.0 73.2 98.8 81.3 47.5 51.3 53.8 75.0 68.8	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6         62.4	

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Source: Division of Evaluation and Research, Department of Education



### Elementary Mathematics Provincial Assessment, June 2012 School Report - Written Response Items (Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 258 Holy Family Elementary, Chapel Arm

Grades: K-6

ltem Number	Outcome(s) Cognitive Level	Outcome Description	School [N=20]	<b>District</b> [N=2,936]	<b>Provinc</b> [N=4,998
umber Col	ncepts				
41	6N1 (L1)	Write a given number in written form	5.6	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	11.1	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	22.2	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	33.3	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	8.3	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	41.7	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	8.3	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	22.2	45.7	46.4
atterns an 49	<u>d Relations</u> 6PR4 (L2)	Represent an equivalent equation for a given equation	52.8	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	22.2	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	72.2	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	41.7	56.6	59.5
	e: : ( <b></b> )				1
	6PR3 (12)	Write a pattern rule for a given problem	120		
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	13.9 27.8	33.5 35.4	36.3 39.1
53	6PR3 (L2)				
53 54 hape and \$	6PR3 (L2)	Represent a pattern rule as a mathematical expression	27.8	35.4	39.1
53 54 hape and \$	6PR3 (L2) Space 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	27.8	35.4	39.1 65.2
53 54 hape and \$ 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	27.8 57.9 39.5	35.4 65.7 49.0	39.1 65.2 51.0
53 54 hape and \$ 55 56 57	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	27.8 57.9 39.5 63.2	65.7 49.0 73.7	39.1 65.2 51.0 75.3
53 54 hape and \$ 55 56 57 58	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	27.8 57.9 39.5 63.2 55.3	35.4 65.7 49.0 73.7 68.2	39.1 65.2 51.0 75.3 68.8
53 54 hape and \$ 55 56 57 58 59	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	27.8 57.9 39.5 63.2 55.3 63.2	35.4           65.7           49.0           73.7           68.2           63.8	39.1 65.2 51.0 75.3 68.8 63.7
53 54 hape and \$ 55 56 57 58 59 60 ental Math 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	27.8 57.9 39.5 63.2 55.3 63.2	35.4 65.7 49.0 73.7 68.2 63.8 59.8 59.8 87.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
53 54 hape and \$ 55 56 57 58 59 60 ental Math	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	27.8 57.9 39.5 63.2 55.3 63.2 42.1	35.4         65.7         49.0         73.7         68.2         63.8         59.8	39.1           65.2           51.0           75.3           68.8           63.7           60.0
53 54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	27.8 57.9 39.5 63.2 55.3 63.2 42.1 88.2	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
53 54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63 63 64	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	27.8 57.9 39.5 63.2 55.3 63.2 42.1 88.2 88.2 82.4	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
53 54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	27.8 57.9 39.5 63.2 55.3 63.2 42.1 88.2 88.2 82.4 23.5	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7
53 54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63 63 64	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	27.8 57.9 39.5 63.2 55.3 63.2 42.1 88.2 88.2 82.4 23.5 29.4	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
53 54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	27.8 57.9 39.5 63.2 55.3 63.2 42.1 88.2 82.4 23.5 29.4 29.4	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7
53 54 hape and \$ 55 56 57 58 59 60 lental Math 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	27.8 57.9 39.5 63.2 55.3 63.2 42.1 42.1 88.2 82.4 23.5 29.4 29.4 82.4	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6
53 54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63 64 65 66 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	27.8 57.9 39.5 63.2 55.3 63.2 42.1 88.2 82.4 23.5 29.4 29.4 82.4 52.9	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6         62.4	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6           61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

### District 4 - Eastern

School #: 260 Immaculate Conception Elementary, Colliers

Grades: k	6->
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ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=24]	<b>District</b> [N=2,936]	<b>Province</b> [N=4,998]
Number Col	ncepts				
41	6N1 (L1)	Write a given number in written form	15.2	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	65.2	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	37.0	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	50.0	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	30.4	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	67.4	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	58.7	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	50.0	45.7	46.4
<u>Patterns an</u>					
49	6PR4 (L2)	Represent an equivalent equation for a given equation	50.0	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	45.8	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	66.7	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	50.0	56.6	59.5
					36.3
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	<u>39.6</u> 47.9	33.5 35.4	39.1
53 54 Shape and S	6PR3 (L2)	Represent a pattern rule as a mathematical expression	47.9	35.4	39.1
53 54 Shape and 3 55	6PR3 (L2) Space 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	47.9 62.5	35.4 65.7	39.1 65.2
53 54 Shape and 5 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	47.9 62.5 56.3	35.4 65.7 49.0	39.1 65.2 51.0
53 54 Shape and 3 55	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	47.9 62.5 56.3 81.3	35.4 65.7 49.0 73.7	39.1 65.2 51.0 75.3
53 54 Shape and S 55 56 57	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	47.9 62.5 56.3	35.4 65.7 49.0	39.1 65.2 51.0
53 54 <b>Shape and S</b> 55 56 57 58	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	47.9 62.5 56.3 81.3 45.8	35.4 65.7 49.0 73.7 68.2	39.1 65.2 51.0 75.3 68.8
53 54 <b>Shape and S</b> 55 56 57 58 59	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	47.9 62.5 56.3 81.3 45.8 68.8	35.4           65.7           49.0           73.7           68.2           63.8	39.1 65.2 51.0 75.3 68.8 63.7
53 54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b> 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	47.9 62.5 56.3 81.3 45.8 68.8 62.5 95.5	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
53         54         Shape and S         55         56         57         58         59         60         Mental Math         61         62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	47.9 62.5 56.3 81.3 45.8 68.8 62.5 95.5 81.8	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
53         54         Shape and S         55         56         57         58         59         60         Mental Math         61         62         63	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	47.9 62.5 56.3 81.3 45.8 68.8 62.5 95.5 81.8 63.6	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
53         54         Shape and S         55         56         57         58         59         60         Mental Math         61         62         63         64	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	47.9 62.5 56.3 81.3 45.8 68.8 62.5 95.5 81.8 63.6 81.8	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
53         54         Shape and S         55         56         57         58         59         60         Mental Math         61         62         63         64         65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	47.9 62.5 56.3 81.3 45.8 68.8 62.5 95.5 81.8 63.6 81.8 54.6	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
53         54         Shape and S         55         56         57         58         59         60         Mental Math         61         62         63         64         65         66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	47.9 62.5 56.3 81.3 45.8 68.8 62.5 95.5 81.8 63.6 81.8	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
53         54         Shape and S         55         56         57         58         59         60         Mental Math         61         62         63         64         65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	47.9 62.5 56.3 81.3 45.8 68.8 62.5 95.5 81.8 63.6 81.8 54.6	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
53         54         Shape and S         55         56         57         58         59         60         Mental Math         61         62         63         64         65         66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	47.9 62.5 56.3 81.3 45.8 68.8 62.5 95.5 81.8 63.6 81.8 63.6 81.8 54.6 77.3	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
53         54         Shape and S         55         56         57         58         59         60         Mental Math         61         62         63         64         65         66         67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	47.9 62.5 56.3 81.3 45.8 68.8 62.5 95.5 81.8 63.6 81.8 63.6 81.8 54.6 77.3 63.6	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6         62.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 262 Woodland Elementary, Dildo Grades: K-6

Number	Outcome(s) Cognitive Level	Outcome Description	School [N=32]	District [N=2,936]	<b>Provinc</b> [N=4,998
Number Co	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form	71.9	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	87.5	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	50.0	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	79.7	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	50.0	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	84.4	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	70.3	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	71.9	45.7	46.4
Patterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	80.0	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	68.3	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	85.0	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	75.0	56.6	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	68.3	33.5	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	70.0	33.5	30.3
hape and	Space				
55	6SS1 (L2)	Draw an angle of a given measure	56.5	65.7	65.2
55 56	6SS1 (L2)		56.5 69.4	65.7 49.0	65.2 51.0
		Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area		-	
56	6SS1 (L2) 6SS3 (L2)	Solve measurement problem involving volume	69.4	49.0	51.0
56 57	6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area	69.4 98.4	49.0 73.7	51.0 75.3 68.8
56 57 58	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle	69.4 98.4 83.9	49.0 73.7 68.2	51.0 75.3 68.8 63.7
56 57 58 59 60	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	69.4 98.4 83.9 43.6	49.0 73.7 68.2 63.8	51.0 75.3 68.8 63.7
56 57 58 59 60 <i>Mental Math</i>	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	69.4 98.4 83.9 43.6 46.8	49.0 73.7 68.2 63.8 59.8	51.0 75.3 68.8 63.7 60.0
56 57 58 59 60 <i>Mental Matl</i>	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6SS6 (L2) 2 6SS6 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	69.4 98.4 83.9 43.6 46.8	49.0 73.7 68.2 63.8 59.8 87.3	51.0 75.3 68.8 63.7 60.0 87.4
56 57 58 59 60 <i>Mental Math</i> 61 62	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio	69.4 98.4 83.9 43.6 46.8 100.0 95.3	49.0 73.7 68.2 63.8 59.8 87.3 76.4	51.0 75.3 68.8 63.7 60.0 87.4 76.7
56 57 58 59 60 <i>Mental Matl</i> 61 62 63	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1) 6N5 (L2) 6N4 (L1)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction	69.4 98.4 83.9 43.6 46.8 100.0 95.3 81.3	49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
56 57 58 59 60 <i>Mental Math</i> 61 62 63 63 64	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	69.4 98.4 83.9 43.6 46.8 100.0 95.3 81.3 57.8	49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64 65	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	69.4 98.4 83.9 43.6 46.8 100.0 95.3 81.3 57.8 29.7	49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
56 57 58 59 60 <i>Mental Matl</i> 61 62 63 63 64 65 66	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	69.4 98.4 83.9 43.6 46.8 100.0 95.3 81.3 57.8 29.7 75.0	49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
56 57 58 59 60 <b>//ental Matl</b> 61 62 63 64 65 66 66 67	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	69.4 98.4 83.9 43.6 46.8 100.0 95.3 81.3 57.8 29.7 75.0 62.5	49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 39.7 64.6 61.3
56 57 58 59 60 <b>Mental Math</b> 61 62 63 64 65 66 66 67 68	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9         Apply the order of operations to solve a problem	69.4 98.4 83.9 43.6 46.8 100.0 95.3 81.3 57.8 29.7 75.0 62.5 68.8	49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4 32.4	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3 33.5
56 57 58 59 60 <b>Mental Matl</b> 61 62 63 64 65 66 66 67	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	69.4 98.4 83.9 43.6 46.8 100.0 95.3 81.3 57.8 29.7 75.0 62.5	49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

### District 4 - Eastern

School #: 265 Acreman Elementary, Green's Harbour Grades: K-6

	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=17]	<b>District</b> [N=2,936]	<b>Provin</b> [N=4,99
Number Con	<u>icepts</u>				
41	6N1 (L1)	Write a given number in written form	0.0	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	20.0	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	36.7	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	63.3	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	30.0	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	26.7	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	40.0	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	33.3	45.7	46.4
Patterns and	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	68.8	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	12.5	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	62.5	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	50.0	56.6	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	18.8	33.5	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	31.3	35.4	39.1
hape and S					
55	6SS1 (L2)	Draw an angle of a given measure	66.7	65.7	65.2
55	6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume	66.7 13.3	65.7 49.0	
					51.0
56	6SS3 (L2)	Solve measurement problem involving volume	13.3	49.0	51.0 75.3
56 57	6SS3 (L2) 6SS3 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area	13.3 76.7	49.0 73.7	51.0 75.3 68.8
56 57 58	6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle	13.3 76.7 56.7	49.0 73.7 68.2	51.0 75.3 68.8 63.7
56 57 58 59 60	6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	13.3 76.7 56.7 36.7	49.0 73.7 68.2 63.8	51.0 75.3 68.8 63.7
56 57 58 59 60 <i>Mental Math</i>	6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	13.3 76.7 56.7 36.7 50.0	49.0 73.7 68.2 63.8 59.8	51.0 75.3 68.8 63.7 60.0
56 57 58 59 60 <i>Mental Math</i> 61	6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	13.3 76.7 56.7 36.7 50.0	49.0 73.7 68.2 63.8 59.8 87.3	51.0 75.3 68.8 63.7 60.0 87.4
56 57 58 59 60 <i>Mental Math</i> 61 62	6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	13.3 76.7 56.7 36.7 50.0 100.0 73.3	49.0 73.7 68.2 63.8 59.8 87.3 76.4	51.0 75.3 68.8 63.7 60.0 87.4 76.7
56 57 58 59 60 <u>Mental Math</u> 61 62 63	6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction	13.3 76.7 56.7 36.7 50.0 100.0 73.3 46.7	49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64	6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	13.3 76.7 56.7 36.7 50.0 100.0 73.3 46.7 60.0	49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64 65	6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	13.3 76.7 56.7 36.7 50.0 100.0 73.3 46.7 60.0 33.3	49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
56 57 58 59 60 <b>Mental Math</b> 61 62 63 64 65 66	6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	13.3 76.7 56.7 36.7 50.0 100.0 73.3 46.7 60.0 33.3 53.3	49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
56 57 58 59 60 <b>//ental Math</b> 61 62 63 63 64 65 66 66 67	6SS3 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	13.3 76.7 56.7 36.7 50.0 100.0 73.3 46.7 60.0 33.3 53.3 30.0	49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3
56 57 58 59 60 <i>Mental Math</i> 61 62 63 63 64 65 66	6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	13.3 76.7 56.7 36.7 50.0 100.0 73.3 46.7 60.0 33.3 53.3	49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

### District 4 - Eastern

School #: 269 St. Francis School, Harbour Grace

Grades: 6	-9
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ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=79]	<b>District</b> [N=2,936]	<b>Provin</b> [N=4,99
lumber Col	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form	19.5	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	16.2	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	39.0	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	44.8	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	15.6	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	48.7	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	56.5	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	29.2	45.7	46.4
<b>P<u>atterns an</u></b> 49	<u>d Relations</u> 6PR4 (L2)	Represent an equivalent equation for a given equation	70.0	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	18.0	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	66.7	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	62.7	56.6	59.5
			00 <b>7</b>	33.5	36.3
53	6PR3 (L2)	Write a pattern rule for a given problem	20.7	55.5	00.0
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	33.3	35.4	
	6PR3 (L2)	Represent a pattern rule as a mathematical expression			39.1
54 Thape and S	6PR3 (L2)	· · · · · · · · · · · · · · · · · · ·	33.3	35.4	39.1 65.2
54 Shape and \$ 55	6PR3 (L2) Space 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	33.3 69.6	35.4 65.7	39.1 65.2 51.0
54 T <b>hape and S</b> 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	33.3 69.6 48.7	35.4 65.7 49.0	39.1 65.2 51.0 75.3
54 <b>hape and S</b> 55 56 57	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	33.3 69.6 48.7 72.3	35.4 65.7 49.0 73.7	39.1 65.2 51.0 75.3 68.8
54 hape and \$ 55 56 57 58	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	33.3 69.6 48.7 72.3 75.7	35.4 65.7 49.0 73.7 68.2	65.2 51.0 75.3 68.8 63.7
54 hape and \$ 55 56 57 58 59	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	33.3 69.6 48.7 72.3 75.7 53.4	35.4 65.7 49.0 73.7 68.2 63.8	65.2 51.0 75.3 68.8 63.7 60.0
54 <i>hape and</i> 55 56 57 58 59 60 <i>fental Math</i> 61	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	33.3 69.6 48.7 72.3 75.7 53.4 49.3 86.8	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 hape and \$ 55 56 57 58 59 60 Mental Math 61 62	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	33.3 69.6 48.7 72.3 75.7 53.4 49.3 86.8 73.6	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54 hape and \$ 55 56 57 58 59 60 hental Math 61 62 63	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	33.3 69.6 48.7 72.3 75.7 53.4 49.3 86.8 73.6 38.2	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
54 hape and \$ 55 56 57 58 59 60 Mental Math 61 62 63 64	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	33.3 69.6 48.7 72.3 75.7 53.4 49.3 86.8 73.6 38.2 45.1	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
54 hape and S 55 56 57 58 59 60 Mental Math 61 62 63 64 65	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	33.3 69.6 48.7 72.3 75.7 53.4 49.3 86.8 73.6 38.2 45.1 36.8	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
54 hape and \$ 55 56 57 58 59 60 hental Math 61 62 63 64 65 66	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	33.3 69.6 48.7 72.3 75.7 53.4 49.3 86.8 73.6 38.2 45.1	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
54 hape and S 55 56 57 58 59 60 Mental Math 61 62 63 64 65	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	33.3 69.6 48.7 72.3 75.7 53.4 49.3 86.8 73.6 38.2 45.1 36.8	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4	39.1 65.2 51.0 75.3 68.8 63.7
54 hape and \$ 55 56 57 58 59 60 hental Math 61 62 63 64 65 66	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	33.3 69.6 48.7 72.3 75.7 53.4 49.3 86.8 73.6 38.2 45.1 36.8 55.6	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
54 hape and \$ 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 67	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	33.3 69.6 48.7 72.3 75.7 53.4 49.3 86.8 73.6 38.2 45.1 36.8 55.6 52.8	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 272 Holy Cross Elementary, Holyrood

Grades: K-6

Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=28]	<b>District</b> [N=2,936]	Provinc [N=4,998
umber Co	nconts				
	ncepts				
41	6N1 (L1)	Write a given number in written form	71.2	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	59.6	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	46.2	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	65.4	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	40.4	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	63.5	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	73.1	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	75.0	45.7	46.4
49	<u>d Relations</u> 6PR4 (L2)	Represent an equivalent equation for a given equation	68.5	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	5.6	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	74.1	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	48.2	56.6	59.5
	6PR3 (L2)	Write a pattern rule for a given problem	29.6	33.5	36.3
53					
53 54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	25.9	35.4	39.1
54	6PR3 (L2) Space	Represent a pattern rule as a mathematical expression		65.7	<u>39.1</u> 65.2
54 hape and s	6PR3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	25.9		
54 hape and 5 55	6PR3 (L2) <b>Space</b> 6SS1 (L2)	Represent a pattern rule as a mathematical expression	25.9	65.7	65.2
54 hape and 3 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	25.9 72.2 51.9	65.7 49.0	65.2 51.0
54 hape and 5 55 56 57	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	25.9 72.2 51.9 74.1	65.7 49.0 73.7	65.2 51.0 75.3
54 hape and 5 55 56 57 58	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	25.9 72.2 51.9 74.1 83.3	65.7 49.0 73.7 68.2	65.2 51.0 75.3 68.8
54 hape and 3 55 56 57 58 59 60 kental Math	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	25.9 72.2 51.9 74.1 83.3 94.4 75.9	65.7 49.0 73.7 68.2 63.8 59.8	65.2 51.0 75.3 68.8 63.7 60.0
54 hape and 3 55 56 57 58 59 60 60	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	25.9 72.2 51.9 74.1 83.3 94.4 75.9 100.0	65.7 49.0 73.7 68.2 63.8 59.8 87.3	65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 hape and 3 55 56 57 58 59 60 	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	25.9 72.2 51.9 74.1 83.3 94.4 75.9 100.0 80.8	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54 hape and 3 55 56 57 58 59 60 60 60 61 62 63	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	25.9 72.2 51.9 74.1 83.3 94.4 75.9 100.0 80.8 73.1	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
54 hape and 3 55 56 57 58 59 60 ental Math 61 62 63 64	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	25.9 72.2 51.9 74.1 83.3 94.4 75.9 100.0 80.8 73.1 61.5	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
54 hape and 3 55 56 57 58 59 60 lental Math 61 62 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	25.9 72.2 51.9 74.1 83.3 94.4 75.9 100.0 80.8 73.1 61.5 11.5	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
54 hape and 3 55 56 57 58 59 60 ental Math 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	25.9 72.2 51.9 74.1 83.3 94.4 75.9 100.0 80.8 73.1 61.5 11.5 50.0	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
54 hape and 3 55 56 57 58 59 60 60 60 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	25.9 72.2 51.9 74.1 83.3 94.4 75.9 100.0 80.8 73.1 61.5 11.5 50.0 71.2	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3
54 hape and 3 55 56 57 58 59 60 60 60 61 62 63 64 65 66 67 68	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9         Apply the order of operations to solve a problem	25.9 72.2 51.9 74.1 83.3 94.4 75.9 100.0 80.8 73.1 61.5 11.5 50.0 71.2 13.5	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4 32.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 39.7 64.6 61.3 33.5
54 hape and 3 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	25.9 72.2 51.9 74.1 83.3 94.4 75.9 100.0 80.8 73.1 61.5 11.5 50.0 71.2	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

### District 4 - Eastern

School #: 274 St. Catherine's Academy, Mount Carmel

Grades: K-12

ltem lumber	Outcome(s) Cognitive Level	Outcome Description	School [N=11]	<b>District</b> [N=2,936]	<b>Provinc</b> [N=4,998
umber Co	ncepts				
41	6N1 (L1)	Write a given number in written form	27.3	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	72.7	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	18.2	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	54.6	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	18.2	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	54.6	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	54.6	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	54.6	45.7	46.4
atterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	59.1	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	27.3	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	68.2	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	68.2	56.6	59.5
	- , ( )				
	6PR3 (L2)	Write a pattern rule for a given problem	31.8	335	363
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	31.8 54.6	33.5 35.4	36.3 39.1
53	6PR3 (L2)				
53 54 hape and \$	6PR3 (L2) Space	Represent a pattern rule as a mathematical expression	54.6	35.4	39.1
53 54 hape and s	6PR3 (L2) <b>Space</b> 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	54.6	35.4 65.7	39.1 65.2
53 54 hape and : 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	54.6 54.6 45.5	35.4 65.7 49.0	39.1 65.2 51.0
53 54 hape and 5 55 56 57	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	54.6 54.6 45.5 54.6	35.4 65.7 49.0 73.7	39.1 65.2 51.0 75.3
53 54 hape and 5 55 56 57 58	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	54.6 54.6 45.5 54.6 63.6	35.4 65.7 49.0 73.7 68.2	39.1 65.2 51.0 75.3 68.8
53 54 hape and 5 55 56 57 58 59 60 ental Math	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	54.6 54.6 45.5 54.6 63.6 63.6 50.0	35.4 65.7 49.0 73.7 68.2 63.8 59.8	39.1           65.2           51.0           75.3           68.8           63.7           60.0
53 54 hape and 5 55 56 57 58 59 60 ental Math 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	54.6 54.6 45.5 54.6 63.6 63.6 50.0 81.8	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
53 54 hape and 5 55 56 57 58 59 60 ental Math 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	54.6 54.6 45.5 54.6 63.6 63.6 50.0 81.8 72.7	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
53 54 hape and 5 55 56 57 58 59 60 ental Math 61 62 63	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	54.6 54.6 45.5 54.6 63.6 63.6 50.0 81.8 72.7 36.4	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7
53 54 hape and 5 55 56 57 58 59 60 ental Math 61 62 63 64	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	54.6 54.6 45.5 54.6 63.6 63.6 50.0 81.8 72.7 36.4 36.4	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6
53 54 hape and 5 55 56 57 58 59 60 ental Math 61 62 63 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	54.6 54.6 45.5 54.6 63.6 63.6 50.0 81.8 72.7 36.4 36.4 27.3	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7
53 54 hape and 5 55 56 57 58 59 60 ental Math 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	54.6 54.6 45.5 54.6 63.6 63.6 50.0 81.8 72.7 36.4 36.4 27.3 31.8	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6
53 54 hape and 3 55 56 57 58 59 60 ental Math 61 62 63 64 65 66 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	54.6 54.6 45.5 54.6 63.6 63.6 50.0 81.8 72.7 36.4 36.4 27.3	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7
53 54 hape and 5 55 56 57 58 59 60 ental Math 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	54.6 54.6 45.5 54.6 63.6 63.6 50.0 81.8 72.7 36.4 36.4 27.3 31.8	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6
53 54 hape and 3 55 56 57 58 59 60 ental Math 61 62 63 64 65 66 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	54.6 54.6 45.5 54.6 63.6 63.6 50.0 81.8 72.7 36.4 36.4 27.3 31.8 18.2	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6         62.4	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6           61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

### District 4 - Eastern

School #: 278 All Hallows Elementary, North River Grades: K-6

Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=55]	<b>District</b> [N=2,936]	<b>Provin</b> [N=4,99
lumber Col	ncepts				
41	6N1 (L1)	Write a given number in written form	37.3	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	28.4	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	34.3	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	32.4	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	35.3	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	36.3	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	60.8	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	43.1	45.7	46.4
Patterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	72.6	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	11.8	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	77.5	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	50.0	56.6	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	39.2	33.5	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	35.3	35.4	39.1
54 Shape and S	6PR3 (L2)				
54 <b>hape and \$</b> 55	6PR3 (L2) Space 6SS1 (L2)	Draw an angle of a given measure	69.0	65.7	65.2
54 hape and S	6PR3 (L2)				65.2 51.0
54 hape and \$ 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume	69.0 38.0	65.7 49.0	65.2 51.0 75.3
54 hape and \$ 55 56 57	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area	69.0 38.0 78.0	65.7 49.0 73.7	65.2 51.0 75.3 68.8
54 hape and \$ 55 56 57 58	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle	69.0 38.0 78.0 76.0	65.7 49.0 73.7 68.2	65.2 51.0 75.3 68.8 63.7
54 <i>hape and</i> 5 55 56 57 58 59 60	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	69.0 38.0 78.0 76.0 74.0	65.7 49.0 73.7 68.2 63.8	65.2 51.0 75.3 68.8 63.7
54 <i>hape and</i> 55 56 57 58 59 60 <i>Mental Math</i>	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	69.0 38.0 78.0 76.0 74.0 64.0	65.7 49.0 73.7 68.2 63.8 59.8	65.2 51.0 75.3 68.8 63.7 60.0
54 hape and \$ 55 56 57 58 59 60 hental Math 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	69.0 38.0 78.0 76.0 74.0 64.0 88.5	65.7 49.0 73.7 68.2 63.8 59.8 87.3	65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 55 56 57 58 59 60 Mental Math 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio	69.0 38.0 78.0 76.0 74.0 64.0 88.5 80.8	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54 hape and \$ 55 56 57 58 59 60 fental Math 61 62 63	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction	69.0 38.0 78.0 76.0 74.0 64.0 88.5 80.8 61.5	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
54 hape and \$ 55 56 57 58 59 60	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number	69.0 38.0 78.0 76.0 74.0 64.0 88.5 80.8 61.5 69.2	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
54 <i>hape and</i> 5 55 56 57 58 59 60 <i>fental Math</i> 61 62 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	69.0 38.0 78.0 76.0 74.0 64.0 88.5 80.8 61.5 69.2 33.7	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
54 hape and \$ 55 56 57 58 59 60 fental Math 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number	69.0 38.0 78.0 76.0 74.0 64.0 88.5 80.8 61.5 69.2 33.7 57.7	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
54 hape and S 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the quotient for division of decimals by a divisor from 1 to 9	69.0 38.0 78.0 76.0 64.0 64.0 88.5 80.8 61.5 69.2 33.7 57.7 56.7	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3
54 55 56 57 58 59 60 60 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number	69.0 38.0 78.0 76.0 74.0 64.0 88.5 80.8 61.5 69.2 33.7 57.7	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

### District 4 - Eastern

School #: 285 Holy Redeemer Elementary, Spaniard's Bay

Grades: K-9

ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=33]	<b>District</b> [N=2,936]	<b>Provinc</b> [N=4,998
lumber Col	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form	1.7	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	56.7	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	11.7	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	31.7	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	31.7	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	33.3	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	40.0	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	26.7	45.7	46.4
Patterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	53.1	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	18.8	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	67.2	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	39.1	56.6	59.5
52					
53	6PR3 (L2)	Write a pattern rule for a given problem	43.8	33.5	36.3
	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	43.8 34.4	33.5 35.4	36.3 39.1
53	6PR3 (L2)				
53 54 Shape and S	6PR3 (L2)	Represent a pattern rule as a mathematical expression	34.4	35.4	39.1
53 54 Shape and S	6PR3 (L2) Space 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	34.4	35.4 65.7	39.1 65.2
53 54 Shape and S 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	34.4 40.6 32.8	35.4 65.7 49.0	39.1 65.2 51.0
53 54 Shape and S 55 56 57	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	34.4 40.6 32.8 60.9	35.4 65.7 49.0 73.7	39.1 65.2 51.0 75.3
53 54 Shape and S 55 56 57 58	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	34.4 40.6 32.8 60.9 31.3	35.4 65.7 49.0 73.7 68.2	39.1 65.2 51.0 75.3 68.8
53 54 54 55 55 56 57 58 59	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	34.4 40.6 32.8 60.9 31.3 56.3	35.4           65.7           49.0           73.7           68.2           63.8	39.1 65.2 51.0 75.3 68.8 63.7
53 54 55 55 56 57 58 59 60 <i>Mental Math</i>	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	34.4 40.6 32.8 60.9 31.3 56.3 57.8 68.3	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
53 54 55 55 56 57 58 59 60 Mental Math	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	34.4 40.6 32.8 60.9 31.3 56.3 57.8 68.3 50.0	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
53 54 55 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	34.4 40.6 32.8 60.9 31.3 56.3 57.8 68.3 50.0 43.3	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
53 54 55 55 56 57 58 59 60 Mental Math 61 62	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	34.4 40.6 32.8 60.9 31.3 56.3 57.8 68.3 50.0	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
53 54 55 55 56 57 58 59 60 Mental Math 61 62 63 63 64 65	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	34.4 40.6 32.8 60.9 31.3 56.3 57.8 68.3 50.0 43.3 63.3 23.3	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7
53 54 55 55 56 57 58 59 60 Mental Math 61 62 63 63 64	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	34.4 40.6 32.8 60.9 31.3 56.3 57.8 68.3 50.0 43.3 63.3	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
53 54 55 55 56 57 58 59 60 Mental Math 61 62 63 63 64 65	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	34.4 40.6 32.8 60.9 31.3 56.3 57.8 68.3 50.0 43.3 63.3 23.3	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7
53 54 55 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	34.4 40.6 32.8 60.9 31.3 56.3 57.8 68.3 57.8 68.3 50.0 43.3 63.3 23.3 63.3	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
53 54 55 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	34.4         40.6         32.8         60.9         31.3         56.3         57.8         68.3         50.0         43.3         63.3         23.3         63.3         56.7	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6         62.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



### Elementary Mathematics Provincial Assessment, June 2012 School Report - Written Response Items (Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 286 Fatima Academy, St. Bride's Grades: K-12

ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=6]	District [N=2,936]	<b>Provinc</b> [N=4,998]
lumber Col	ncepts				
41	6N1 (L1)	Write a given number in written form	0.0	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	50.0	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	25.0	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	33.3	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	8.3	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	58.3	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	50.0	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	25.0	45.7	46.4
	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	41.7	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	50.0	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	83.3	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	33.3	56.6	59.5
52	, ()				
53	6PR3 (L2)	Write a pattern rule for a given problem	33.3	33.5	36.3
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	33.3 50.0	<u>33.5</u> <u>35.4</u>	36.3 39.1
53 54	6PR3 (L2) 6PR3 (L2) Space	Represent a pattern rule as a mathematical expression			
53 54 hape and \$	6PR3 (L2) 6PR3 (L2)		50.0 83.3	35.4	39.1 65.2
53 54 hape and \$	6PR3 (L2) 6PR3 (L2) Space 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	50.0	35.4 65.7	39.1
53 54 hape and \$ 55 56	6PR3 (L2) 6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume	50.0 83.3 33.3	35.4 65.7 49.0	39.1 65.2 51.0
53 54 hape and \$ 55 56 57	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	50.0 83.3 33.3 66.7	35.4 65.7 49.0 73.7	39.1 65.2 51.0 75.3
53 54 <b>nape and 3</b> 55 56 57 58	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	50.0 83.3 33.3 66.7 100.0	35.4 65.7 49.0 73.7 68.2	39.1 65.2 51.0 75.3 68.8
53 54 55 55 56 57 58 59 60 Mental Math	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	50.0         83.3         33.3         66.7         100.0         83.3         75.0	35.4 65.7 49.0 73.7 68.2 63.8 59.8	39.1 65.2 51.0 75.3 68.8 63.7 60.0
53 54 55 55 56 57 58 59 60 <i>Mental Math</i>	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	50.0 83.3 33.3 66.7 100.0 83.3 75.0 66.7	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
53 54 hape and 5 55 56 57 58 59 60 Mental Math 61 62	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	50.0 83.3 33.3 66.7 100.0 83.3 75.0 66.7 66.7	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
53 54 hape and S 55 56 57 58 59 60 ental Math 61 62 63	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	50.0 83.3 33.3 66.7 100.0 83.3 75.0 66.7 66.7 50.0	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
53 54 hape and 5 55 56 57 58 59 60 ental Math 61 62 63 63 64	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	50.0 83.3 33.3 66.7 100.0 83.3 75.0 66.7 66.7 66.7 50.0 50.0	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
53 54 hape and 5 55 56 57 58 59 60 Mental Math 61 62 63 63 64 65	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	50.0 83.3 33.3 66.7 100.0 83.3 75.0 66.7 66.7 66.7 50.0 50.0 16.7	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
53 54 hape and 3 55 56 57 58 59 60 hental Math 61 62 63 64 65 66	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	50.0 83.3 33.3 66.7 100.0 83.3 75.0 66.7 66.7 50.0 50.0 16.7 41.7	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
53 54 55 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64 65	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	50.0 83.3 33.3 66.7 100.0 83.3 75.0 66.7 66.7 66.7 50.0 50.0 16.7	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
53 54 hape and 3 55 56 57 58 59 60 hental Math 61 62 63 64 65 66	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	50.0 83.3 33.3 66.7 100.0 83.3 75.0 66.7 66.7 50.0 50.0 16.7 41.7	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
53 54 55 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 65 66 67	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	50.0 83.3 33.3 66.7 100.0 83.3 75.0 66.7 66.7 66.7 50.0 50.0 16.7 41.7 33.3	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

### District 4 - Eastern

School #: 287 Dunne Memorial Academy, St. Mary's Grades: K-12

ltem Number	Outcome(s) Cognitive Level	Outcome Description	School [N=5]	District [N=2,936]	<b>Province</b> [N=4,998]
<u>Number Con</u>	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form		33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	School data with 5 or	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	fewer	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	students	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	withheld for	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	reasons of	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	confidentiality	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers		45.7	46.4
Patterns and	d Palations				
r allerns and	<u>a Relations</u>				
49	6PR4 (L2)	Represent an equivalent equation for a given equation		63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation		26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation		68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph		56.6	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem		33.5	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression		35.4	39.1
Shape and S	Space				
55	6SS1 (L2)	Draw an angle of a given measure		65.7	65.2
56	6SS3 (L2)	Solve measurement problem involving volume		49.0	51.0
57	6SS3 (L2)	Draw a rectangle for a given area		73.7	75.3
58	6SS4 (L2)	Draw a specified triangle		68.2	68.8
59	6SS6 (L2)	Represent the result of combining transformations		63.8	63.7
60	6SS6 (L2)	Represent the result of combining transformations		59.8	60.0
<u>Mental Math</u>					
	CNI2 (1.4)			07.0	07.4
61 62	6N3 (L1) 6N5 (L2)	Solve a multiplication fact Give an equivalent ratio for a given ratio		87.3 76.4	87.4 76.7
63	6N4 (L1)	Give a mixed number for a given improper fraction		59.2	59.7
64	6N8 (L2)	Find the product of a decimal number and a whole number		64.6	64.6
65	6N8 (L2)	Solve a problem for division of decimals by a divisor from 1 to 9		40.1	39.7
66	6N8 (L2)	Estimate the product of a decimal number by a whole number		65.6	64.6
67	6N8 (L2)	Estimate the product of a decimal number by a where number Estimate the quotient for division of decimals by a divisor from 1 to 9		62.4	61.3
68	6N9 (L1)	Apply the order of operations to solve a problem	-	32.4	33.5
69	6SS2 (L2)	Estimate the measure of a given angle	-	74.2	73.4
70	6SS2 (L2)	Give the measure of a missing angle in a given triangle	-	68.0	68.9
10		ente die medeure er a mooning angle in a given titaligie		00.0	00.9

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

### District 4 - Eastern

School #: 289 St. Peter's Elementary, Upper Island Cove

Grades: K-9

Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=20]	<b>District</b> [N=2,936]	<b>Province</b> [N=4,998]
Number Co	ncepts				
41	6N1 (L1)	Write a given number in written form	45.0	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	87.5	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	87.5	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	67.5	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	30.0	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	52.5	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	70.0	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	82.5	45.7	46.4
Patterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	65.8	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	5.3	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	84.2	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	55.3	56.6	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	79.0	33.5	36.3
	6PR3 (L2)	Represent a pattern rule as a mathematical expression	60.5	35.4	39.1
54			00.5	00.4	55.1
54 <b>Shape and S</b> 55		Draw an angle of a given measure	68.4	65.7	65.2
Shape and S	Space				
<b>Shape and </b>	<b>Space</b> 6SS1 (L2)	Draw an angle of a given measure	68.4	65.7	65.2
<b>Shape and </b> 55 56	Space 6SS1 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume	68.4 79.0	65.7 49.0	65.2 51.0
<b>Shape and 3</b> 55 56 57	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area	68.4 79.0 84.2	65.7 49.0 73.7	65.2 51.0 75.3
<u>Shape and 55</u> 55 56 57 58	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle	68.4 79.0 84.2 47.4	65.7 49.0 73.7 68.2	65.2 51.0 75.3 68.8
Shape and s           55           56           57           58           59	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	68.4 79.0 84.2 47.4 79.0	65.7 49.0 73.7 68.2 63.8	65.2 51.0 75.3 68.8 63.7
Shape and 5           55           56           57           58           59           60	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	68.4 79.0 84.2 47.4 79.0	65.7 49.0 73.7 68.2 63.8	65.2 51.0 75.3 68.8 63.7
Shape and s           55           56           57           58           59           60	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	68.4 79.0 84.2 47.4 79.0 76.3	65.7 49.0 73.7 68.2 63.8 59.8	65.2 51.0 75.3 68.8 63.7 60.0
Shape and 5           55           56           57           58           59           60	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	68.4 79.0 84.2 47.4 79.0 76.3 94.7	65.7 49.0 73.7 68.2 63.8 59.8 87.3	65.2 51.0 75.3 68.8 63.7 60.0 87.4
Shape and s           55           56           57           58           59           60           Mental Math           61           62	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio	68.4 79.0 84.2 47.4 79.0 76.3 94.7 84.2	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
Shape and s           55           56           57           58           59           60           Mental Math           61           62           63	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction	68.4 79.0 84.2 47.4 79.0 76.3 94.7 84.2 71.1	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
Shape and 3           55           56           57           58           59           60           Mental Math           61           62           63           64	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number	68.4 79.0 84.2 47.4 79.0 76.3 94.7 84.2 71.1 76.3	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
Shape and s           55           56           57           58           59           60           Mental Math           61           62           63           64           65	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9	68.4 79.0 84.2 47.4 79.0 76.3 94.7 84.2 71.1 76.3 76.3	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
Shape and 3           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number	68.4 79.0 84.2 47.4 79.0 76.3 94.7 84.2 71.1 76.3 76.3 76.3 71.1	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
Shape and s           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66           67	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the quotient for division of decimals by a divisor from 1 to 9	68.4 79.0 84.2 47.4 79.0 76.3 94.7 84.2 71.1 76.3 76.3 71.1 63.2	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

District 4 - Eastern

## School #: 291 Perlwin Elementary, Winterton

Grades: K-6

ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=21]	<b>District</b> [N=2,936]	<b>Provinc</b> [N=4,998
lumber Col	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form	32.5	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	35.0	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	37.5	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	40.0	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	42.5	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	72.5	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	40.0	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	55.0	45.7	46.4
49	<u>d Relations</u> 6PR4 (L2)	Represent an equivalent equation for a given equation	66.7	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	38.1	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	73.8	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	76.2	56.6	59.5
			40 5	33.5	36.3
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem           Represent a pattern rule as a mathematical expression	40.5 35.7	35.4	39.1
54	6PR3 (L2)				1
54 Thape and S	6PR3 (L2) Space	Represent a pattern rule as a mathematical expression	35.7	35.4	39.1
54 hape and \$ 55	6PR3 (L2) Space 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	35.7 76.2	35.4 65.7	<u>39.1</u> 65.2
54 hape and \$ 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	35.7 76.2 50.0	35.4 65.7 49.0	39.1 65.2 51.0
54 hape and \$ 55 56 57	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	35.7 76.2 50.0 100.0	35.4 65.7 49.0 73.7	39.1 65.2 51.0 75.3
54 hape and \$ 55 56 57 58	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	35.7 76.2 50.0 100.0 85.7	35.4 65.7 49.0 73.7 68.2	39.1 65.2 51.0 75.3 68.8
54 hape and \$ 55 56 57	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	35.7 76.2 50.0 100.0	35.4 65.7 49.0 73.7	39.1 65.2 51.0 75.3 68.8 63.7
54 55 56 57 58 59 60 Mental Math	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	35.7 76.2 50.0 100.0 85.7 92.9 69.1	35.4 65.7 49.0 73.7 68.2 63.8 59.8	39.1 65.2 51.0 75.3 68.8 63.7 60.0
54 hape and \$ 55 56 57 58 59 60 60	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	35.7 76.2 50.0 100.0 85.7 92.9 69.1 84.2	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 hape and \$ 55 56 57 58 59 60 Mental Math 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	35.7 76.2 50.0 100.0 85.7 92.9 69.1 84.2 89.5	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54 hape and \$ 55 56 57 58 59 60 Mental Math 61 62 63	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	35.7 76.2 50.0 100.0 85.7 92.9 69.1 84.2 89.5 63.2	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
54 hape and \$ 55 56 57 58 59 60	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	35.7 76.2 50.0 100.0 85.7 92.9 69.1 84.2 89.5 63.2 68.4	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
54 hape and \$ 55 56 57 58 59 60 Mental Math 61 62 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	35.7 76.2 50.0 100.0 85.7 92.9 69.1 84.2 89.5 63.2 63.2 68.4 42.1	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
54 hape and \$ 55 56 57 58 59 60 fental Math 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	35.7 76.2 50.0 100.0 85.7 92.9 69.1 84.2 89.5 63.2 68.4 42.1 71.1	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
54 hape and \$ 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	35.7 76.2 50.0 100.0 85.7 92.9 69.1 84.2 89.5 63.2 68.4 42.1 71.1 63.2	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4	1
54 hape and \$ 55 56 57 58 59 60 hental Math 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	35.7 76.2 50.0 100.0 85.7 92.9 69.1 84.2 89.5 63.2 68.4 42.1 71.1	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
54 hape and \$ 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	35.7 76.2 50.0 100.0 85.7 92.9 69.1 84.2 89.5 63.2 68.4 42.1 71.1 63.2	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

### District 4 - Eastern

School #: 294 St. Augustine's Elementary, Bell Island

Grades: K-6

ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=25]	<b>District</b> [N=2,936]	<b>Provinc</b> [N=4,998
lumber Cor	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form	6.8	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	22.7	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	25.0	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	36.4	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	11.4	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	36.4	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	43.2	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	31.8	45.7	46.4
	d Relations	Performant on aquivalant equation for a given equation	61.4	62.2	62.6
49	6PR4 (L2)	Represent an equivalent equation for a given equation	61.4	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	6.8	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	61.4	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	43.2	56.6	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	36.4	33.5	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	25.0	35.4	39.1
54 hape and \$	6PR3 (L2) Space	Represent a pattern rule as a mathematical expression	25.0	35.4	
54 hape and \$ 55	6PR3 (L2) Space 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	25.0 34.8	35.4 65.7	65.2
54 <b>hape and \$</b> 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	25.0 34.8 26.1	35.4 65.7 49.0	65.2 51.0
54 hape and \$ 55 56 57	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	25.0 34.8 26.1 54.4	35.4 65.7 49.0 73.7	65.2 51.0 75.3
54 hape and \$ 55 56 57 58	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	25.0 34.8 26.1 54.4 39.1	35.4 65.7 49.0 73.7 68.2	65.2 51.0 75.3 68.8
54 hape and \$ 55 56 57 58 59	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	25.0 34.8 26.1 54.4 39.1 50.0	35.4           65.7           49.0           73.7           68.2           63.8	65.2 51.0 75.3 68.8 63.7
54 <b>Shape and S</b> 55 56 57 58 59 60	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	25.0 34.8 26.1 54.4 39.1	35.4 65.7 49.0 73.7 68.2	65.2 51.0 75.3 68.8 63.7
54 hape and \$ 55 56 57 58 59 60 Mental Math	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	25.0 34.8 26.1 54.4 39.1 50.0 47.8	35.4 65.7 49.0 73.7 68.2 63.8 59.8	65.2 51.0 75.3 68.8 63.7 60.0
54 hape and \$ 55 56 57 58 59 60	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	25.0 34.8 26.1 54.4 39.1 50.0 47.8 73.9	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3	65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 hape and \$ 55 56 57 58 59 60 Mental Math 61 62	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	25.0 34.8 26.1 54.4 39.1 50.0 47.8 73.9 34.8	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54 hape and \$ 55 56 57 58 59 60 fental Math 61	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	25.0 34.8 26.1 54.4 39.1 50.0 47.8 73.9 34.8 34.8	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
54 hape and \$ 55 56 57 58 59 60 dental Math 61 62 63	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	25.0 34.8 26.1 54.4 39.1 50.0 47.8 73.9 34.8 34.8 34.8 43.5	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
54 hape and \$ 55 56 57 58 59 60 hental Math 61 62 63 64	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	25.0 34.8 26.1 54.4 39.1 50.0 47.8 73.9 34.8 34.8	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
54 hape and \$ 55 56 57 58 59 60 lental Math 61 62 63 64 65	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	25.0 34.8 26.1 54.4 39.1 50.0 47.8 73.9 34.8 34.8 34.8 43.5 4.4 34.8	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63 64 65 66 67	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	25.0 34.8 26.1 54.4 39.1 50.0 47.8 73.9 34.8 34.8 34.8 43.5 4.4 34.8 28.3	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6         62.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3
54 hape and \$ 55 56 57 58 59 60 fental Math 61 62 63 64 65 66	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	25.0 34.8 26.1 54.4 39.1 50.0 47.8 73.9 34.8 34.8 34.8 43.5 4.4 34.8	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

### District 4 - Eastern

School #: 303 St. Edward's Elementary, Conception Bay South (Kelligrews)

Grades: K-6

Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=104]	<b>District</b> [N=2,936]	Province [N=4,998]
Number Co	nconts				
vuiliber Co	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form	10.7	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	28.2	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	34.0	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	31.6	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	18.0	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	53.4	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	45.2	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	36.9	45.7	46.4
	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	57.0	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	23.0	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	60.5	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	49.5	56.6	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	25.0	33.5	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	19.0	35.4	39.1
Shape and .	Space				
Shape and s	<b>Space</b> 6SS1 (L2)	Draw an angle of a given measure	65.3	65.7	65.2
Shape and .	Space	Draw an angle of a given measure Solve measurement problem involving volume			
<b>Shape and</b> 55 56	<u>Space</u> 6SS1 (L2) 6SS3 (L2)	Draw an angle of a given measure	65.3 28.4	65.7 49.0	65.2 51.0
<b>Shape and</b> 55 56 57	<u>Space</u> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area	65.3 28.4 51.1	65.7 49.0 73.7	65.2 51.0 75.3
Shape and 55 55 56 57 58	<u>Space</u> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle	65.3 28.4 51.1 64.7	65.7 49.0 73.7 68.2	65.2 51.0 75.3 68.8
Shape and           55           56           57           58           59	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	65.3 28.4 51.1 64.7 54.7	65.7 49.0 73.7 68.2 63.8	65.2 51.0 75.3 68.8 63.7
Shape and           55           56           57           58           59           60	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	65.3 28.4 51.1 64.7 54.7	65.7 49.0 73.7 68.2 63.8	65.2 51.0 75.3 68.8 63.7
Shape and           55           56           57           58           59           60	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	65.3 28.4 51.1 64.7 54.7 49.5	65.7 49.0 73.7 68.2 63.8 59.8	65.2 51.0 75.3 68.8 63.7 60.0
Shape and           55           56           57           58           59           60	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	65.3 28.4 51.1 64.7 54.7 49.5 89.8	65.7 49.0 73.7 68.2 63.8 59.8 87.3	65.2 51.0 75.3 68.8 63.7 60.0 87.4
Shape and           55           56           57           58           59           60           Mental Math           61           62           63           64	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)           6N3 (L1)           6N4 (L1)           6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio	65.3 28.4 51.1 64.7 54.7 49.5 89.8 76.5	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
Shape and           55           56           57           58           59           60           Mental Math           61           62           63           64           65	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1) 6N5 (L2) 6N4 (L1)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction	65.3 28.4 51.1 64.7 54.7 49.5 89.8 76.5 53.1	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
Shape and           55           56           57           58           59           60           Mental Math           61           62           63           64	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)           6N3 (L1)           6N4 (L1)           6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number	65.3 28.4 51.1 64.7 54.7 49.5 89.8 76.5 53.1 66.3	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
Shape and           55           56           57           58           59           60           Mental Math           61           62           63           64           65	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)           6N3 (L1)           6N5 (L2)           6N4 (L1)           6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9	65.3 28.4 51.1 64.7 54.7 49.5 89.8 76.5 53.1 66.3 31.6	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
Shape and           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number	65.3 28.4 51.1 64.7 54.7 49.5 89.8 76.5 53.1 66.3 31.6 62.2	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
Shape and           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66           67	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the quotient for division of decimals by a divisor from 1 to 9	65.3 28.4 51.1 64.7 54.7 49.5 89.8 76.5 53.1 66.3 31.6 62.2 59.7	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

### District 4 - Eastern

School #: 305 Villanova Junior High, Conception Bay South (Manuels) Grades: 5-8

ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=103]	<b>District</b> [N=2,936]	<b>Provinc</b> [N=4,998
Number Col	ncepts				
41	6N1 (L1)	Write a given number in written form	40.1	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	44.3	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	56.3	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	47.9	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	28.1	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	78.1	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	71.9	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	50.0	45.7	46.4
Patterns and	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	58.4	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	13.4	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	58.9	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	58.4	56.6	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	27.7	33.5	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	19.3	35.4	39.1
54	6PR3 (L2)				
54 Shape and S 55 56	6PR3 (L2) Space	Represent a pattern rule as a mathematical expression	19.3	35.4	39.1
54 Shape and S 55 56 57	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	19.3 56.0	35.4 65.7	39.1 65.2
54 Shape and S 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	19.3 56.0 50.0	35.4 65.7 49.0	39.1 65.2 51.0
54 Shape and S 55 56 57	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	19.3 56.0 50.0 73.5	35.4 65.7 49.0 73.7	39.1 65.2 51.0 75.3
54 Shape and S 55 56 57 58	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	19.3 56.0 50.0 73.5 64.5	35.4 65.7 49.0 73.7 68.2	39.1 65.2 51.0 75.3 68.8
54 Shape and S 55 56 57 58 58 59	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	19.3 56.0 50.0 73.5 64.5 59.0	35.4 65.7 49.0 73.7 68.2 63.8	39.1 65.2 51.0 75.3 68.8 63.7
54 Shape and S 55 56 57 58 59 60 Mental Math	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	19.3 56.0 50.0 73.5 64.5 59.0 52.0	35.4 65.7 49.0 73.7 68.2 63.8 59.8	39.1           65.2           51.0           75.3           68.8           63.7           60.0
54 Shape and S 55 56 57 58 59 60 Mental Math 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	19.3 56.0 50.0 73.5 64.5 59.0 52.0 95.8	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 55 56 57 58 59 60 Mental Math 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	19.3 56.0 50.0 73.5 64.5 59.0 52.0 95.8 71.9	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54 Shape and S 55 56 57 58 59 60 Mental Math 61 62 63	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	19.3 56.0 50.0 73.5 64.5 59.0 52.0 95.8 71.9 64.6	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7
54 Shape and S 55 56 57 58 59 60 Mental Math 61 62 63 64	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	19.3 56.0 50.0 73.5 64.5 59.0 52.0 95.8 71.9 64.6 67.7	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
54 Shape and S 55 56 57 58 59 60 Mental Math 61 62 63	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	19.3 56.0 50.0 73.5 64.5 59.0 52.0 95.8 71.9 64.6 67.7 34.4	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
54           Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	19.3 56.0 50.0 73.5 64.5 59.0 52.0 95.8 71.9 64.6 67.7 34.4 73.4	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
54 Shape and S 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	19.3 56.0 50.0 73.5 64.5 59.0 52.0 95.8 71.9 64.6 67.7 34.4 73.4 62.0	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6         62.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3
54 Shape and S 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	19.3 56.0 50.0 73.5 64.5 59.0 52.0 95.8 71.9 64.6 67.7 34.4 73.4	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

### District 4 - Eastern

School #: 306 St. George's Elementary, Conception Bay South (Manuels)

Grades: K-6

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=41]	<b>District</b> [N=2,936]	<b>Proving</b> [N=4,998
lumber Cor	ncepts				
41	6N1 (L1)	Write a given number in written form	35.5	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	14.5	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	50.0	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	54.0	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	54.0	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	56.6	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	64.5	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	65.8	45.7	46.4
atterns and	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	63.8	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	31.3	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	62.5	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	56.3	56.6	59.5
			10.0	33.5	36.3
53	6PR3 (L2)	Write a pattern rule for a given problem	46.3	33.5	50.5
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	46.3 32.5	35.4	39.1
	6PR3 (L2)				
54 hape and S	6PR3 (L2)	Represent a pattern rule as a mathematical expression	32.5	35.4	39.1 65.2
54 hape and \$ 55	6PR3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	32.5 65.0	35.4 65.7	39.1 65.2 51.0
54 hape and \$ 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume	32.5 65.0 50.0	35.4 65.7 49.0	39.1 65.2 51.0 75.3
54 hape and \$ 55 56 57	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	32.5 65.0 50.0 68.8	35.4 65.7 49.0 73.7	39.1 65.2 51.0 75.3 68.8
54 hape and \$ 55 56 57 58	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	32.5 65.0 50.0 68.8 62.5	35.4 65.7 49.0 73.7 68.2	39.1 65.2 51.0 75.3 68.8 63.7
54 hape and \$ 55 56 57 58 59 60	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	32.5 65.0 50.0 68.8 62.5 70.0 65.0	35.4 65.7 49.0 73.7 68.2 63.8 59.8	39.1 65.2 51.0 75.3 68.8 63.7 60.0
54 hape and \$ 55 56 57 58 59 60 60 lental Math 61	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	32.5 65.0 50.0 68.8 62.5 70.0 65.0 84.6	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 hape and \$ 55 56 57 58 59 60 Mental Math 61 62	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	32.5 65.0 50.0 68.8 62.5 70.0 65.0 84.6 88.5	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54 hape and \$ 55 56 57 58 59 60 Mental Math 61 62 63	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	32.5 65.0 50.0 68.8 62.5 70.0 65.0 84.6 88.5 59.0	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
54 hape and \$ 55 56 57 58 59 60 Mental Math 61 62 63 64	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	32.5 65.0 50.0 68.8 62.5 70.0 65.0 65.0 84.6 88.5 59.0 79.5	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
54 hape and \$ 55 56 57 58 59 60 Mental Math 61 62 63 64 65	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	32.5 65.0 50.0 68.8 62.5 70.0 65.0 65.0 84.6 88.5 59.0 79.5 33.3	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
54 hape and \$ 55 56 57 58 59 60 Mental Math 61 62 63 64	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	32.5 65.0 50.0 68.8 62.5 70.0 65.0 65.0 84.6 88.5 59.0 79.5	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
54 hape and \$ 55 56 57 58 59 60 Mental Math 61 62 63 64 65	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	32.5 65.0 50.0 68.8 62.5 70.0 65.0 65.0 84.6 88.5 59.0 79.5 33.3	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	39.1 65.2 51.0 75.3 68.8 63.7
54 hape and \$ 55 56 57 58 59 60 fental Math 61 62 63 64 65 66	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	32.5 65.0 50.0 68.8 62.5 70.0 65.0 65.0 84.6 88.5 59.0 79.5 33.3 59.0	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
54 hape and \$ 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 67	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	32.5 65.0 50.0 68.8 62.5 70.0 65.0 65.0 84.6 88.5 59.0 79.5 33.3 59.0 46.2	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6         62.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 39.7

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

### District 4 - Eastern

School #: 308 Mary Queen of the World Elementary, Mount Pearl

Grades: K-6

Item Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=60]	<b>District</b> [N=2,936]	<b>Proving</b> [N=4,998
umber Cor	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form	34.2	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	42.1	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	36.8	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	43.0	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	28.1	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	58.8	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	54.4	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	50.0	45.7	46.4
	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	43.1	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	42.2	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	74.1	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	52.6	56.6	59.5
		Write a pottern rule for a given problem	37.1	33.5	36.3
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	50.0	35.4	39.1
54 hape and \$	6PR3 (L2) Space	Represent a pattern rule as a mathematical expression	50.0	35.4	39.1
54 hape and \$ 55	6PR3 (L2) Space 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	50.0 69.5	35.4 65.7	39.1 65.2
54 hape and \$ 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	50.0 69.5 50.0	35.4 65.7 49.0	39.1 65.2 51.0
54 hape and \$ 55 56 57	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	50.0 69.5 50.0 78.8	35.4 65.7 49.0 73.7	39.1 65.2 51.0 75.3
54 hape and \$ 55 56 57 58	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	50.0 69.5 50.0 78.8 70.3	35.4 65.7 49.0 73.7 68.2	39.1 65.2 51.0 75.3 68.8
54 hape and \$ 55 56 57	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	50.0 69.5 50.0 78.8	35.4 65.7 49.0 73.7	39.1 65.2 51.0 75.3 68.8 63.7
54 hape and \$ 55 56 57 58 59	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	50.0 69.5 50.0 78.8 70.3 72.9	35.4 65.7 49.0 73.7 68.2 63.8	
54 hape and \$ 55 56 57 58 59 60 fental Math 61	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	50.0 69.5 50.0 78.8 70.3 72.9 58.5 58.5	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 hape and \$ 55 56 57 58 59 60 60	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	50.0 69.5 50.0 78.8 70.3 72.9 58.5 58.5 83.9 82.1	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54 hape and \$ 55 56 57 58 59 60 fental Math 61 62 63	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	50.0 69.5 50.0 78.8 70.3 72.9 58.5 58.5 83.9 83.9 82.1 60.7	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
54 hape and \$ 55 56 57 58 59 60 Mental Math 61 62 63 64	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	50.0 69.5 50.0 78.8 70.3 72.9 58.5 58.5 83.9 83.9 82.1 60.7 67.9	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
54 hape and \$ 55 56 57 58 59 60 Mental Math 61 62 63 64 65	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	50.0 69.5 50.0 78.8 70.3 72.9 58.5 58.5 83.9 82.1 60.7 67.9 39.3	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
54 hape and \$ 55 56 57 58 59 60 Mental Math 61 62 63 64	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	50.0 69.5 50.0 78.8 70.3 72.9 58.5 58.5 83.9 83.9 82.1 60.7 67.9	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
54 hape and \$ 55 56 57 58 59 60 Mental Math 61 62 63 64 65	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	50.0 69.5 50.0 78.8 70.3 72.9 58.5 58.5 83.9 82.1 60.7 67.9 39.3	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	39.1 65.2 51.0 75.3 68.8 63.7
54 hape and \$ 55 56 57 58 59 60 fental Math 61 62 63 64 65 66	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	50.0 69.5 50.0 78.8 70.3 72.9 58.5 58.5 83.9 82.1 60.7 67.9 39.3 72.3	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
54 hape and \$ 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 67	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	50.0 69.5 50.0 78.8 70.3 72.9 58.5 58.5 83.9 82.1 60.7 67.9 39.3 72.3 73.2	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



### Elementary Mathematics Provincial Assessment, June 2012 School Report - Written Response Items (Item Analysis: % of content answered correctly)

District 4 - Eastern

### School #: 310 Mount Pearl Intermediate, Mount Pearl

Grades: 5-9

ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=109]	<b>District</b> [N=2,936]	<b>Provinc</b> [N=4,998
lumber Co	noonto				
lumber Col	icepts				
41	6N1 (L1)	Write a given number in written form	20.3	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	42.0	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	38.7	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	44.3	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	22.6	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	53.3	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	61.3	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	48.6	45.7	46.4
	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	66.4	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	13.5	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	54.8	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	49.5	56.6	59.5
		Write a pattern rule for a given problem	20.2	33.5	36.3
53 54	6PR3 (L2) 6PR3 (L2)	Represent a pattern rule as a mathematical expression	24.5	35.4	39.1
54 Thape and S	6PR3 (L2) Space	Represent a pattern rule as a mathematical expression	24.5	35.4	39.1
54 hape and \$ 55	6PR3 (L2) Space 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	24.5 73.6	35.4 65.7	39.1 65.2
54 hape and \$ 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	24.5 73.6 49.1	35.4 65.7 49.0	39.1 65.2 51.0
54 hape and \$ 55 56 57	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	24.5 73.6 49.1 69.3	35.4 65.7 49.0 73.7	39.1 65.2 51.0 75.3
54 hape and \$ 55 56 57 58	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	24.5 73.6 49.1 69.3 75.5	35.4 65.7 49.0 73.7 68.2	39.1 65.2 51.0 75.3 68.8
54 hape and \$ 55 56 57 58 59	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	24.5 73.6 49.1 69.3 75.5 71.2	35.4           65.7           49.0           73.7           68.2           63.8	39.1 65.2 51.0 75.3 68.8 63.7
54 <b>Shape and S</b> 55 56 57 58	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	24.5 73.6 49.1 69.3 75.5	35.4 65.7 49.0 73.7 68.2	39.1 65.2 51.0 75.3 68.8 63.7
54 hape and \$ 55 56 57 58 59 60 60	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	24.5 73.6 49.1 69.3 75.5 71.2 65.1	35.4         65.7         49.0         73.7         68.2         63.8         59.8	39.1 65.2 51.0 75.3 68.8 63.7 60.0
54 hape and \$ 55 56 57 58 59 60 fental Math 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	24.5 73.6 49.1 69.3 75.5 71.2 65.1 91.8	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 hape and \$ 55 56 57 58 59 60 Pental Math 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	24.5 73.6 49.1 69.3 75.5 71.2 65.1 91.8 69.9	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54 hape and \$ 55 56 57 58 59 60 60 60 61 62 63	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	24.5 73.6 49.1 69.3 75.5 71.2 65.1 91.8 69.9 60.2	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
54 hape and \$ 55 56 57 58 59 60 Pental Math 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	24.5 73.6 49.1 69.3 75.5 71.2 65.1 91.8 69.9 60.2 66.3	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
54 hape and \$ 55 56 57 58 59 60 lental Math 61 62 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	24.5 73.6 49.1 69.3 75.5 71.2 65.1 91.8 69.9 60.2 66.3 34.2	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
54 hape and \$ 55 56 57 58 59 60 <i>lental Math</i> 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	24.5 73.6 49.1 69.3 75.5 71.2 65.1 91.8 69.9 60.2 66.3 34.2 74.5	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
54 hape and S 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	24.5 73.6 49.1 69.3 75.5 71.2 65.1 91.8 69.9 60.2 66.3 34.2 74.5 71.9	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6         62.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3
54 55 56 57 58 59 60 60 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	24.5 73.6 49.1 69.3 75.5 71.2 65.1 91.8 69.9 60.2 66.3 34.2 74.5	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

District 4 - Eastern

## School #: 312 Newtown Elementary, Mount Pearl

Grades: K-6

Number	Outcome(s) Cognitive Level	Outcome Description	School [N=84]	<b>District</b> [N=2,936]	<b>Provin</b> [N=4,998
lumber Col	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form	57.1	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	46.8	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	51.3	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	57.8	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	39.6	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	50.0	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	72.7	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	59.7	45.7	46.4
Patterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	76.2	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	61.6	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	86.6	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	72.6	56.6	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	43.9	33.5	36.3
55					
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	70.7	35.4	39.1
54 hape and S	6PR3 (L2) Space				
54 hape and \$ 55	6PR3 (L2) Space 6SS1 (L2)	Draw an angle of a given measure	80.5	65.7	65.2
54 hape and S	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume	80.5 54.9	65.7 49.0	65.2 51.0
54 hape and 5 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area	80.5 54.9 85.4	65.7 49.0 73.7	65.2 51.0 75.3
54 hape and 5 55 56 57	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle	80.5 54.9	65.7 49.0	65.2 51.0 75.3 68.8
54 hape and 5 55 56 57 58	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area	80.5 54.9 85.4 81.1	65.7 49.0 73.7 68.2	65.2 51.0 75.3 68.8 63.7
54 55 56 57 58 59 60 Mental Math	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	80.5 54.9 85.4 81.1 64.0	65.7 49.0 73.7 68.2 63.8	65.2 51.0 75.3 68.8 63.7
54 hape and 5 55 56 57 58 59 60 lental Math 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	80.5 54.9 85.4 81.1 64.0 68.3 97.5	65.7 49.0 73.7 68.2 63.8 59.8 87.3	65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 hape and 5 55 56 57 58 59 60 Pental Math 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio	80.5 54.9 85.4 81.1 64.0 68.3 97.5 98.8	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54 hape and 5 55 56 57 58 59 60 60 60 61 62 63	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction	80.5 54.9 85.4 81.1 64.0 68.3 97.5 98.8 80.0	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
54 hape and 3 55 56 57 58 59 60 ental Math 61 62 63 64	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	80.5 54.9 85.4 81.1 64.0 68.3 97.5 98.8 80.0 68.8	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
54 hape and 3 55 56 57 58 59 60 lental Math 61 62 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	80.5 54.9 85.4 81.1 64.0 68.3 97.5 98.8 80.0 68.8 46.3	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
54 hape and 5 55 56 57 58 59 60 <i>lental Math</i> 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number	80.5 54.9 85.4 81.1 64.0 68.3 97.5 98.8 80.0 68.8 46.3 79.4	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
54 hape and S 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the quotient for division of decimals by a divisor from 1 to 9	80.5 54.9 85.4 81.1 64.0 68.3 97.5 98.8 80.0 68.8 46.3 79.4 72.5	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number	80.5 54.9 85.4 81.1 64.0 68.3 97.5 98.8 80.0 68.8 46.3 79.4	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6           33.5
54 <i>hape and S</i> 55 56 57 58 59 60 <i>Mental Math</i> 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the quotient for division of decimals by a divisor from 1 to 9	80.5 54.9 85.4 81.1 64.0 68.3 97.5 98.8 80.0 68.8 46.3 79.4 72.5	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



### Elementary Mathematics Provincial Assessment, June 2012 School Report - Written Response Items (Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 316 St. Peter's Elementary, Mount Pearl

Grades: K-6

ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=60]	District [N=2,936]	<b>Provinc</b> [N=4,998
lumber Col	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form	40.4	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	46.5	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	25.4	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	39.5	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	26.3	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	44.7	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	56.1	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	36.0	45.7	46.4
atterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	61.5	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	37.5	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	80.8	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	45.2	56.6	59.5
			~~ ~	22 F	36.3
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	29.8 28.9	33.5 35.4	39.1
54	6PR3 (L2)				
54 hape and \$ 55	6PR3 (L2) Space 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure			39.1
54 hape and \$ 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	28.9 68.2 32.7	35.4 65.7 49.0	39.1 65.2 51.0
54 hape and \$ 55 56 57	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	28.9 68.2 32.7 61.8	35.4 65.7 49.0 73.7	39.1 65.2 51.0 75.3
54 hape and \$ 55 56 57 58	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	28.9 68.2 32.7 61.8 75.5	35.4 65.7 49.0 73.7 68.2	39.1 65.2 51.0 75.3 68.8
54 hape and \$ 55 56 57 58 59	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	28.9 68.2 32.7 61.8 75.5 36.4	35.4 65.7 49.0 73.7 68.2 63.8	39.1 65.2 51.0 75.3 68.8 63.7
54 hape and \$ 55 56 57 58	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	28.9 68.2 32.7 61.8 75.5	35.4 65.7 49.0 73.7 68.2	39.1 65.2 51.0
54 hape and \$ 55 56 57 58 59 60	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	28.9 68.2 32.7 61.8 75.5 36.4	35.4 65.7 49.0 73.7 68.2 63.8	39.1 65.2 51.0 75.3 68.8 63.7
54	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	28.9 68.2 32.7 61.8 75.5 36.4 35.5	35.4 65.7 49.0 73.7 68.2 63.8 59.8	39.1 65.2 51.0 75.3 68.8 63.7 60.0
54 hape and \$ 55 56 57 58 59 60	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	28.9 68.2 32.7 61.8 75.5 36.4	35.4 65.7 49.0 73.7 68.2 63.8	65.2 51.0 75.3 68.8 63.7
54 hape and \$ 55 56 57 58 59 60 ental Math 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	28.9 68.2 32.7 61.8 75.5 36.4 35.5 87.5	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 hape and \$ 55 56 57 58 59 60 ental Math 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	28.9 68.2 32.7 61.8 75.5 36.4 35.5 87.5 66.1	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	28.9 68.2 32.7 61.8 75.5 36.4 35.5 87.5 66.1 50.9	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63 63 64	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	28.9 68.2 32.7 61.8 75.5 36.4 35.5 87.5 66.1 50.9 69.6	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	28.9 68.2 32.7 61.8 75.5 36.4 35.5 87.5 66.1 50.9 69.6 48.2	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	28.9 68.2 32.7 61.8 75.5 36.4 35.5 87.5 66.1 50.9 69.6 48.2 61.6	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3
54 hape and \$ 55 56 57 58 59 60 60 60 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	28.9 68.2 32.7 61.8 75.5 36.4 35.5 87.5 66.1 50.9 69.6 48.2 61.6 57.1	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

### District 4 - Eastern

School #: 317 St. Francis of Assisi Elementary, Logy Bay/Middle Cove/Outer Cove

Item Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=25]	<b>District</b> [N=2,936]	<b>Province</b> [N=4,998]
Number Co	ncepts				
41	6N1 (L1)	Write a given number in written form	31.3	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	27.1	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	37.5	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	45.8	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	27.1	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	68.8	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	68.8	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	54.2	45.7	46.4
<u>Patterns an</u>	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	56.0	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	10.0	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	78.0	68.7	70.4
-	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	62.0	56.6	59.5
52	•••••••••••••••••••••••••••••••••••••••				00.0
52 53	6PR3 (L2)	Write a pattern rule for a given problem	32.0	33.5	36.3
	,	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	32.0 28.0	33.5 35.4	36.3 39.1
53 54 Shape and 5	6PR3 (L2) 6PR3 (L2) Space	Represent a pattern rule as a mathematical expression			
53 54 <b>Shape and 3</b> 55	6PR3 (L2) 6PR3 (L2) Space 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	28.0 68.0	35.4 65.7	39.1 65.2
53 54 <b>Shape and 3</b> 55 56	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	28.0 68.0 40.0	35.4 65.7 49.0	39.1 65.2 51.0
53 54 <b>Shape and S</b> 55 56 57	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	28.0 68.0 40.0 86.0	35.4 65.7 49.0 73.7	39.1 65.2 51.0 75.3
53 54 <b>Shape and 3</b> 55 56 57 58	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	28.0 68.0 40.0 86.0 68.0	35.4 65.7 49.0 73.7 68.2	39.1 65.2 51.0 75.3 68.8
53 54 <b>Shape and 3</b> 55 56 57 58 59	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	28.0 68.0 40.0 86.0 68.0 88.0	35.4 65.7 49.0 73.7 68.2 63.8	39.1 65.2 51.0 75.3 68.8 63.7
53 54 <b>Shape and 3</b> 55 56 57 58	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	28.0 68.0 40.0 86.0 68.0	35.4 65.7 49.0 73.7 68.2	39.1 65.2 51.0 75.3 68.8
53 54 <b>Shape and 3</b> 55 56 57 58 59	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	28.0 68.0 40.0 86.0 68.0 88.0	35.4 65.7 49.0 73.7 68.2 63.8	39.1 65.2 51.0 75.3 68.8 63.7
53 54 <b>Shape and 3</b> 55 56 57 58 59 60	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	28.0 68.0 40.0 86.0 68.0 88.0	35.4 65.7 49.0 73.7 68.2 63.8	39.1 65.2 51.0 75.3 68.8 63.7
53 54 <u>Shape and 5</u> 55 56 57 58 59 60 <u>Mental Math</u>	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	28.0 68.0 40.0 86.0 68.0 88.0 74.0	35.4 65.7 49.0 73.7 68.2 63.8 59.8	39.1 65.2 51.0 75.3 68.8 63.7 60.0
53 54 <u>Shape and 5</u> 55 56 57 58 59 60 <u>Mental Math</u> 61	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	28.0 68.0 40.0 86.0 68.0 88.0 74.0 84.8	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
53 54 54 55 55 56 57 58 59 60 <b>Mental Math</b> 61 62	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	28.0 68.0 40.0 86.0 68.0 74.0 74.0 84.8 95.7	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
53 54 <u>Shape and 5</u> 55 56 57 58 59 60 <u>Mental Math</u> 61 62 63	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	28.0 68.0 40.0 86.0 68.0 88.0 74.0 88.8 95.7 82.6	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
53 54 54 55 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	28.0 68.0 40.0 86.0 68.0 88.0 74.0 88.8 95.7 82.6 73.9	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
53 54 54 55 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64 65	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6NS (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	28.0 68.0 40.0 86.0 68.0 88.0 74.0 88.8 95.7 82.6 73.9 65.2	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
53         54         Shape and 3         55         56         57         58         59         60         Mental Math         61         62         63         64         65         66	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5Dace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	28.0 68.0 40.0 86.0 68.0 88.0 74.0 74.0 884.8 95.7 82.6 73.9 65.2 69.6	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
53         54         Shape and 3         55         56         57         58         59         60         Mental Math         61         62         63         64         65         66         67	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	28.0 68.0 40.0 86.0 68.0 74.0 74.0 84.8 95.7 82.6 73.9 65.2 69.6 41.3	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



### Elementary Mathematics Provincial Assessment, June 2012 School Report - Written Response Items (Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 318 Holy Family Elementary, Paradise

Grades: K-6

ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=75]	<b>District</b> [N=2,936]	<b>Provinc</b> [N=4,998
lumber Cor	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form	25.0	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	33.1	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	18.9	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	43.2	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	23.0	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	52.0	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	56.8	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	50.7	45.7	46.4
<b>Patterns an</b> 49	<u>d Relations</u> 6PR4 (L2)	Represent an equivalent equation for a given equation	57.0	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	16.9	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	59.2	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph			
52	0FR2, 03F1 (L2)		57.8	56.6	59.5
50					
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	37.3 29.6	33.5 35.4	36.3 39.1
54 hape and S	6PR3 (L2) Space	Represent a pattern rule as a mathematical expression	29.6	35.4	39.1
54 hape and \$ 55	6PR3 (L2) Space 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	29.6 77.5	35.4 65.7	39.1 65.2
54 hape and \$ 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	29.6 77.5 65.5	35.4 65.7 49.0	39.1 65.2 51.0
54 hape and \$ 55 56 57	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	29.6 77.5 65.5 70.4	35.4 65.7 49.0 73.7	39.1 65.2 51.0 75.3
54 hape and \$ 55 56	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	29.6 77.5 65.5 70.4 73.2	35.4 65.7 49.0 73.7 68.2	39.1 65.2 51.0 75.3 68.8
54 hape and \$ 55 56 57 58	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	29.6 77.5 65.5 70.4	35.4 65.7 49.0 73.7	39.1 65.2 51.0 75.3 68.8 63.7
54 <i>hape and \$</i> 55 56 57 58 59 60 <i>Mental Math</i>	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	29.6 77.5 65.5 70.4 73.2 68.3 64.8	35.4 65.7 49.0 73.7 68.2 63.8 59.8	39.1           65.2           51.0           75.3           68.8           63.7           60.0
54 hape and \$ 55 56 57 58 59 60 fental Math 61	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	29.6 77.5 65.5 70.4 73.2 68.3 64.8 93.8	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 hape and \$ 55 56 57 58 59 60 hental Math 61 62	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	29.6 77.5 65.5 70.4 73.2 68.3 64.8 93.8 83.6	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54 hape and \$ 55 56 57 58 59 60 dental Math 61 62 63	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	29.6 77.5 65.5 70.4 73.2 68.3 64.8 93.8 83.6 75.3	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
54 hape and \$ 55 56 57 58 59 60 Mental Math 61 62 63 64	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	29.6 77.5 65.5 70.4 73.2 68.3 64.8 93.8 83.6 75.3 64.4	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
54 hape and \$ 55 56 57 58 59 60 Mental Math 61 62 63 64 65	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	29.6 77.5 65.5 70.4 73.2 68.3 64.8 93.8 83.6 75.3 64.4 61.0	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
54 hape and \$ 55 56 57 58 59 60 fental Math 61 62 63 64 65 66	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	29.6 77.5 65.5 70.4 73.2 68.3 64.8 93.8 83.6 75.3 64.4 61.0 65.1	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
54 hape and \$ 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 67	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	29.6 77.5 65.5 70.4 73.2 68.3 64.8 93.8 83.6 75.3 64.4 61.0 65.1 75.3	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6         62.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 39.7 64.6 61.3
54 <i>hape and</i> 5 55 56 57 58 59 60 <i>fental Math</i> 61 62 63 64 65 66 67 68	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	29.6 77.5 65.5 70.4 73.2 68.3 64.8 93.8 83.6 75.3 64.4 61.0 65.1 75.3 40.4	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6         62.4         32.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
54 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 67	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	29.6 77.5 65.5 70.4 73.2 68.3 64.8 93.8 83.6 75.3 64.4 61.0 65.1 75.3	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6         62.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

### District 4 - Eastern

School #: 320 Beachy Cove Elementary, Portugal Cove - St. Philip's Grades: K-6

Item Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=69]	District [N=2,936]	<b>Province</b> [N=4,998]
N	<b>/</b> -				
<u>Number Co</u>	icepts				
41	6N1 (L1)	Write a given number in written form	29.9	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	40.3	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	40.3	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	44.8	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	35.1	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	50.8	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	58.2	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	49.3	45.7	46.4
Patterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	71.6	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	35.8	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	83.6	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	59.0	56.6	59.5
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	39.6 44.0	33.5 35.4	36.3
Shape and S	6SS1 (L2)	Draw an angle of a given measure	71.6	65.7	65.2
56	6SS3 (L2)	Solve measurement problem involving volume	66.4	49.0	51.0
57	6SS3 (L2)	Draw a rectangle for a given area	85.1	73.7	75.3
58	6SS4 (L2)	Draw a specified triangle	61.9	68.2	68.8
59	6SS6 (L2)	Represent the result of combining transformations	62.7	63.8	63.7
60	6SS6 (L2)	Represent the result of combining transformations	60.5	59.8	60.0
Mental Math					
61	6N3 (L1)	Solve a multiplication fact	91.2	87.3	87.4
62	6N5 (L2)	Give an equivalent ratio for a given ratio	88.2	76.4	76.7
63	6N4 (L1)	Give a mixed number for a given improper fraction	62.5	59.2	59.7
64	6N8 (L2)	Find the product of a decimal number and a whole number	72.8	64.6	64.6
65	6N8 (L2)	Solve a problem for division of decimals by a divisor from 1 to 9	47.1	40.1	39.7
66	6N8 (L2)	Estimate the product of a decimal number by a whole number	69.9	65.6	64.6
67	6N8 (L2)	Estimate the quotient for division of decimals by a divisor from 1 to 9	72.8	62.4	61.3
68	6N9 (L1)	Apply the order of operations to solve a problem	39.0	32.4	33.5
69	6SS2 (L2)	Estimate the measure of a given angle	81.6	74.2	73.4
70	6SS2 (L2)	Give the measure of a missing angle in a given triangle	91.2	68.0	68.9

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

### District 4 - Eastern

School #: 325 Bishop Abraham Elementary, St. John's Grades: K-6

ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=26]	<b>District</b> [N=2,936]	<b>Provinc</b> [N=4,998
Number Cor	ncepts				
41	6N1 (L1)	Write a given number in written form	72.9	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	41.7	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	60.4	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	45.8	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	37.5	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	54.2	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	64.6	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	70.8	45.7	46.4
Patterns and	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	62.5	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	16.7	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	68.8	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	66.7	56.6	59.5
02			50.0	33.5	36.3
52					
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	41.7	35.4	39.1
54	6PR3 (L2)				
54 Shape and S	6PR3 (L2) Space	Represent a pattern rule as a mathematical expression	41.7	35.4	39.1
54 Shape and S 55	6PR3 (L2) Space 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	41.7	35.4 65.7	39.1 65.2
54 Shape and S 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	41.7 56.0 58.0	35.4 65.7 49.0	39.1 65.2 51.0
54 Shape and S 55 56 57	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	41.7 56.0 58.0 82.0	35.4 65.7 49.0 73.7	39.1 65.2 51.0 75.3
54 Shape and S 55 56 57 58	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	41.7 56.0 58.0 82.0 76.0	35.4 65.7 49.0 73.7 68.2	39.1 65.2 51.0 75.3 68.8
54 <b>Shape and S</b> 55 56 57 58 59 60	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	41.7 56.0 58.0 82.0 76.0 76.0	35.4 65.7 49.0 73.7 68.2 63.8	39.1 65.2 51.0 75.3 68.8 63.7
54 Shape and S 55 56 57 58 59 60 Mental Math 61	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	41.7 56.0 58.0 82.0 76.0 76.0 66.0 86.4	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 55 56 57 58 59 60 Mental Math 61 62	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	41.7 56.0 58.0 82.0 76.0 76.0 66.0	35.4         65.7         49.0         73.7         68.2         63.8         59.8	65.2 51.0 75.3 68.8 63.7 60.0
54 Shape and S 55 56 57 58 59 60 Mental Math 61 62 63	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	41.7 56.0 58.0 82.0 76.0 76.0 66.0 886.4	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 55 56 57 58 59 60 Mental Math 61 62	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	41.7 56.0 58.0 82.0 76.0 76.0 66.0 886.4 68.2	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54           Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	41.7 56.0 58.0 82.0 76.0 76.0 66.0 86.4 68.2 63.6	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
54           Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	41.7 56.0 58.0 82.0 76.0 76.0 66.0 86.4 68.2 63.6 54.6	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6
54           Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	41.7 56.0 58.0 82.0 76.0 76.0 66.0 86.4 68.2 63.6 54.6 20.5	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7
54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 64 65 66	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	41.7 56.0 58.0 82.0 76.0 66.0 66.0 886.4 68.2 63.6 54.6 20.5 65.9	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6
54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 64 65 66 67	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	41.7 56.0 58.0 82.0 76.0 76.0 66.0 66.0 86.4 68.2 63.6 54.6 20.5 65.9 45.5	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6         62.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

### District 4 - Eastern

School #: 326 Bishop Feild Elementary, St. John's Grades: K-6

Item Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=35]	<b>District</b> [N=2,936]	<b>Provinc</b> [N=4,998]
umber Co	ncepts				
41 42	6N1 (L1) 6N1 (L2)	Write a given number in written form	55.9	33.0	36.2
42	6N5 (L3)	Write numbers located betweeen two givien numbers Demonstrate an understanding of equivalent ratios	77.9 45.6	42.6 37.3	43.9 37.5
43	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	57.4	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	33.8	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	69.1	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	57.4	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	50.0	45.7	46.4
atterns an	d Relations				
		Performant on aquivalant equation for a river equation	04.0	62.2	
49 50	6PR4 (L2) 6PR1 (L2)	Represent an equivalent equation for a given equation Write a mathematical expression for a given situation	84.3 45.7	63.3 26.7	63.6 30.2
50	6PR2 (L2)	Create a table of values for a given situation	78.6	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	67.1	56.6	59.5
	UFKZ, UJFI(LZ)	Graph a table of values using a linear graph	07.1	50.0	1
		Write a pattern rule for a given problem	F0 C	22 F	26.2
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	58.6 54.3	<u>33.5</u> <u>35.4</u>	36.3 39.1
53 54 hape and 5 55	6PR3 (L2) 6PR3 (L2) <b>Space</b> 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	54.3 80.0	<u>35.4</u> 65.7	<u>39.1</u> 65.2
53 54 hape and 3 55 56	6PR3 (L2) 6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume	54.3 80.0 70.0	35.4 65.7 49.0	39.1 65.2 51.0
53 54 hape and 5 55 56 57	6PR3 (L2) 6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	54.3 80.0 70.0 84.3	35.4 65.7 49.0 73.7	39.1 65.2 51.0 75.3
53 54 hape and 5 55 56 57 58	6PR3 (L2) 6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	54.3 80.0 70.0 84.3 65.7	35.4 65.7 49.0 73.7 68.2	39.1 65.2 51.0 75.3 68.8
53 54 hape and 5 55 56 57	6PR3 (L2) 6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	54.3 80.0 70.0 84.3	35.4 65.7 49.0 73.7	39.1 65.2 51.0 75.3
53 54 hape and 3 55 56 57 58 59	6PR3 (L2) 6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	54.3 80.0 70.0 84.3 65.7 75.7	35.4 65.7 49.0 73.7 68.2 63.8	39.1 65.2 51.0 75.3 68.8 63.7
53 54 hape and 5 55 56 57 58 59 60 ental Math	6PR3 (L2) 6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	54.3         80.0         70.0         84.3         65.7         75.7         58.6	35.4 65.7 49.0 73.7 68.2 63.8 59.8	39.1 65.2 51.0 75.3 68.8 63.7 60.0
53 54 hape and 3 55 56 57 58 59 60	6PR3 (L2) 6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	54.3 80.0 70.0 84.3 65.7 75.7	35.4 65.7 49.0 73.7 68.2 63.8	39.1 65.2 51.0 75.3 68.8 63.7
53 54 hape and 5 55 56 57 58 59 60 lental Math 61	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	54.3 80.0 70.0 84.3 65.7 75.7 58.6 88.6 81.4	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
53 54 hape and 5 55 56 57 58 59 60 Mental Math 61 62	6PR3 (L2) 6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	54.3 80.0 70.0 84.3 65.7 75.7 58.6 88.6	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
53 54 hape and 5 55 56 57 58 59 60 kental Math 61 62 63	6PR3 (L2) 6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	54.3 80.0 70.0 84.3 65.7 75.7 58.6 88.6 88.6 81.4 77.1	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
53 54 hape and 5 55 56 57 58 59 60 ental Math 61 62 63 63 64	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	54.3 80.0 70.0 84.3 65.7 75.7 58.6 88.6 81.4 77.1 85.7	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
53 54 hape and 5 55 56 57 58 59 60 ental Math 61 62 63 63 64 65	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	54.3           80.0           70.0           84.3           65.7           75.7           58.6           88.6           81.4           77.1           85.7           57.1	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
53 54 hape and 5 55 56 57 58 59 60 hental Math 61 62 63 64 65 66	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	54.3         80.0         70.0         84.3         65.7         75.7         58.6         88.6         81.4         77.1         85.7         57.1         81.4         80.0	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3
53 54 hape and 5 55 56 57 58 59 60 hental Math 61 62 63 64 65 66 66 67	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	54.3         80.0         70.0         84.3         65.7         75.7         58.6         88.6         81.4         77.1         85.7         57.1         81.4	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

### District 4 - Eastern

School #: 331 Cowan Heights Elementary, St. John's Grades: K-7

	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=50]	<b>District</b> [N=2,936]	<b>Provin</b> [N=4,99
Number Cor	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form	56.5	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	62.0	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	33.7	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	54.4	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	42.4	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	58.7	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	78.3	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	50.0	45.7	46.4
Patterns and	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	71.4	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	34.7	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	73.5	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	73.5	56.6	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	49.0	33.5	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	38.8	35.4	39.1
		· · ·			
Shape and S	Space				
	<b>Space</b> 6SS1 (L2)	Draw an angle of a given measure	66.3	65.7	65.2
Shape and S	Space				65.2 51.0
<b>Shape and S</b> 55 56	<u>Space</u> 6SS1 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume	66.3 50.0	65.7 49.0	65.2 51.0 75.3
55 55 56 57	<u>Space</u> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area	66.3 50.0 83.7	65.7 49.0 73.7	65.2 51.0 75.3 68.8
Shape and S 55 56 57 58	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle	66.3 50.0 83.7 74.5	65.7 49.0 73.7 68.2	65.2 51.0 75.3 68.8 63.7
Shape and \$           55           56           57           58           59           60	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	66.3 50.0 83.7 74.5 78.6	65.7 49.0 73.7 68.2 63.8	65.2 51.0 75.3 68.8 63.7
Shape and S           55           56           57           58           59           60	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	66.3 50.0 83.7 74.5 78.6 70.4	65.7 49.0 73.7 68.2 63.8 59.8	65.2 51.0 75.3 68.8 63.7 60.0
Shape and S           55           56           57           58           59           60           Mental Math           61	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	66.3 50.0 83.7 74.5 78.6 70.4 88.9	65.7 49.0 73.7 68.2 63.8 59.8 87.3	65.2 51.0 75.3 68.8 63.7 60.0 87.4
Shape and S           55           56           57           58           59           60           Mental Math           61           62	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)           6SS6 (L2)           6SS6 (L2)           6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio	66.3 50.0 83.7 74.5 78.6 70.4 88.9 71.1	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
Shape and \$           55           56           57           58           59           60           Mental Math           61           62           63	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction	66.3 50.0 83.7 74.5 78.6 70.4 88.9 71.1 62.2	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
Shape and \$           55           56           57           58           59           60           Mental Math           61           62           63           64	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)           6N3 (L1)           6N5 (L2)           6N4 (L1)           6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number	66.3 50.0 83.7 74.5 78.6 70.4 88.9 71.1 62.2 71.1	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9	66.3 50.0 83.7 74.5 78.6 70.4 88.9 71.1 62.2 71.1 57.8	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)           6SS6 (L2)           6N3 (L1)           6N5 (L2)           6N4 (L1)           6N8 (L2)           6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number	66.3 50.0 83.7 74.5 78.6 70.4 88.9 71.1 62.2 71.1 57.8 65.6	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66           67	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the quotient for division of decimals by a divisor from 1 to 9	66.3 50.0 83.7 74.5 78.6 70.4 88.9 71.1 62.2 71.1 57.8 65.6 60.0	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3
Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)           6SS6 (L2)           6N3 (L1)           6N5 (L2)           6N4 (L1)           6N8 (L2)           6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number	66.3 50.0 83.7 74.5 78.6 70.4 88.9 71.1 62.2 71.1 57.8 65.6	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6

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Source: Division of Evaluation and Research, Department of Education



### Elementary Mathematics Provincial Assessment, June 2012 School Report - Written Response Items (Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 334 Larkhall Academy, St. John's Grades: K-6

Item Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=40]	<b>District</b> [N=2,936]	<b>Province</b> [N=4,998]
<u>Number Co</u>	ncepts				
44	GN11 (1.1)	Write a given number in written form	01.0	22.0	26.2
41 42	6N1 (L1) 6N1 (L2)	Write a given number in written form           Write numbers located betweeen two givien numbers	21.8 12.8	33.0 42.6	36.2 43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	20.5	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	25.6	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	26.9	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	38.5	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	33.3	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	35.9	45.7	46.4
Patterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	57.9	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	6.6	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	52.6	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	42.1	56.6	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	19.7	33.5	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	6.6	35.4	39.1
Shape and	<u>Space</u> 6SS1 (L2)	Draw an angle of a given measure	29.0	65.7	65.2
56	6SS3 (L2)	Solve measurement problem involving volume	21.1	49.0	51.0
57	6SS3 (L2)	Draw a rectangle for a given area	65.8	73.7	75.3
58	6SS4 (L2)	Draw a specified triangle	36.8	68.2	68.8
59	6SS6 (L2)	Represent the result of combining transformations	51.3	63.8	63.7
60	6SS6 (L2)	Represent the result of combining transformations	52.6	59.8	60.0
<u>Mental Mati</u>	2				
<u>Mental Mati</u> 61	2 6N3 (L1)	Solve a multiplication fact	73.6	87.3	87.4
	-	Solve a multiplication fact Give an equivalent ratio for a given ratio	73.6 75.0	87.3 76.4	87.4 76.7
61	6N3 (L1)				
61 62	6N3 (L1) 6N5 (L2)	Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number	75.0	76.4	76.7
61 62 63 64 65	6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Give an equivalent ratio for a given ratioGive a mixed number for a given improper fractionFind the product of a decimal number and a whole numberSolve a problem for division of decimals by a divisor from 1 to 9	75.0 50.0 51.4 30.6	76.4 59.2 64.6 40.1	76.7 59.7 64.6 39.7
61 62 63 64	6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number	75.0 50.0 51.4	76.4 59.2 64.6	76.7 59.7 64.6
61 62 63 64 65 66 66 67	6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Give an equivalent ratio for a given ratioGive a mixed number for a given improper fractionFind the product of a decimal number and a whole numberSolve a problem for division of decimals by a divisor from 1 to 9Estimate the product of a decimal number by a whole numberEstimate the quotient for division of decimals by a divisor from 1 to 9	75.0 50.0 51.4 30.6 52.8 45.8	76.4 59.2 64.6 40.1 65.6 62.4	76.7 59.7 64.6 39.7
61 62 63 64 65 66	6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Give an equivalent ratio for a given ratioGive a mixed number for a given improper fractionFind the product of a decimal number and a whole numberSolve a problem for division of decimals by a divisor from 1 to 9Estimate the product of a decimal number by a whole number	75.0 50.0 51.4 30.6 52.8	76.4 59.2 64.6 40.1 65.6	76.7 59.7 64.6 39.7 64.6
61 62 63 64 65 66 67	6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Give an equivalent ratio for a given ratioGive a mixed number for a given improper fractionFind the product of a decimal number and a whole numberSolve a problem for division of decimals by a divisor from 1 to 9Estimate the product of a decimal number by a whole numberEstimate the quotient for division of decimals by a divisor from 1 to 9	75.0 50.0 51.4 30.6 52.8 45.8	76.4 59.2 64.6 40.1 65.6 62.4	76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 337 Goulds Elementary, St. John's (Goulds) Grades: K-6

Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=83]	<b>District</b> [N=2,936]	<b>Provin</b> [N=4,998
lumber Cor	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form	40.1	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	47.5	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	32.7	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	53.7	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	37.0	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	61.1	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	59.3	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	52.5	45.7	46.4
Patterns and	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	61.1	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	20.4	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	60.5	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	52.5	56.6	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	24.7	33.5	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	26.5	35.4	39.1
			2010		00.1
hape and S	Space				
		Draw an angle of a given measure Solve measurement problem involving volume	71.6	65.7 49.0	65.2
<b>hape and \$</b> 55	<b>Space</b> 6SS1 (L2)	Draw an angle of a given measure		65.7	65.2 51.0
55 56	<u>Space</u> 6SS1 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume	71.6 63.6	65.7 49.0	65.2 51.0 75.3
thape and \$ 55 56 57	<u>Space</u> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area	71.6 63.6 84.0	65.7 49.0 73.7	65.2 51.0 75.3 68.8
55 55 56 57 58	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle	71.6 63.6 84.0 68.5	65.7 49.0 73.7 68.2	65.2 51.0 75.3 68.8 63.7 60.0
Shape and S           55           56           57           58           59           60	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	71.6 63.6 84.0 68.5 74.1	65.7 49.0 73.7 68.2 63.8	65.2 51.0 75.3 68.8 63.7
Shape and S           55           56           57           58           59           60	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	71.6 63.6 84.0 68.5 74.1 69.1	65.7 49.0 73.7 68.2 63.8 59.8	65.2 51.0 75.3 68.8 63.7 60.0
<u>hape and S</u> 55 56 57 58 59 60 60 <b>lental Math</b>	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)           6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	71.6 63.6 84.0 68.5 74.1 69.1 92.2	65.7 49.0 73.7 68.2 63.8 59.8 87.3	65.2 51.0 75.3 68.8 63.7 60.0 87.4
55         56         57         58         59         60         Mental Math         61         62	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)           6SS6 (L2)           6SS6 (L2)           6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio	71.6 63.6 84.0 68.5 74.1 69.1 92.2 84.4	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
55         56         57         58         59         60         Mental Math         61         62         63	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction	71.6 63.6 84.0 68.5 74.1 69.1 92.2 84.4 72.1	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
hape and \$ 55 56 57 58 59 60  Mental Math 61 62 63 64	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)           6N3 (L1)           6N4 (L1)           6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number	71.6 63.6 84.0 68.5 74.1 69.1 92.2 84.4 72.1 57.8	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
Image and \$         55         56         57         58         59         60         Mental Math         61         62         63         64         65	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9	71.6 63.6 84.0 68.5 74.1 69.1 92.2 84.4 72.1 57.8 33.8	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
55         56         57         58         59         60         Mental Math         61         62         63         64         65         66	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number	71.6 63.6 84.0 68.5 74.1 69.1 92.2 84.4 72.1 57.8 33.8 58.4	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
55         56         57         58         59         60         Mental Math         61         62         63         64         65         66         67	Space         6SS1 (L2)         6SS3 (L2)         6SS3 (L2)         6SS4 (L2)         6SS6 (L2)         6SS6 (L2)         6N3 (L1)         6N5 (L2)         6N4 (L1)         6N8 (L2)         6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the quotient for division of decimals by a divisor from 1 to 9	71.6 63.6 84.0 68.5 74.1 69.1 92.2 84.4 72.1 57.8 33.8 58.4 59.7	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3
Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number	71.6 63.6 84.0 68.5 74.1 69.1 92.2 84.4 72.1 57.8 33.8 58.4	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	65.2 51.0 75.3 68.8 63.7

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Source: Division of Evaluation and Research, Department of Education



### Elementary Mathematics Provincial Assessment, June 2012 School Report - Written Response Items (Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 339 Holy Cross Elementary, St. John's Grades: K-6

ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=22]	<b>District</b> [N=2,936]	Province [N=4,998]
<u>Number Co</u>	ncepts				
41	6N1 (L1)	Write a given number in written form	42.9	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	42.9	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	40.5	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	45.2	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	40.5	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	57.1	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	40.5	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	31.0	45.7	46.4
<u>Patterns an</u>	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	60.0	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	7.5	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	57.5	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	35.0	56.6	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	22.5	33.5	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	27.5	35.4	39.1
<u>Shape and</u>	<u>Space</u> 6SS1 (L2)	Draw an angle of a given measure	55.0	65.7	65.2
56	6SS3 (L2)	Solve measurement problem involving volume	50.0	49.0	51.0
57	6SS3 (L2)	Draw a rectangle for a given area	72.5	73.7	75.3
58	6SS4 (L2)	Draw a specified triangle	62.5	68.2	68.8
59	6SS6 (L2)	Represent the result of combining transformations	27.5	63.8	63.7
60	6SS6 (L2)	Represent the result of combining transformations	55.0	59.8	60.0
<u>Mental Matl</u>	!				
61	6N3 (L1)	Solve a multiplication fact	80.0	87.3	87.4
62	6N5 (L2)	Give an equivalent ratio for a given ratio	75.0	76.4	76.7
63	6N4 (L1)	Give a mixed number for a given improper fraction	45.0	59.2	59.7
64	6N8 (L2)	Find the product of a decimal number and a whole number	75.0	64.6	64.6
65	6N8 (L2)	Solve a problem for division of decimals by a divisor from 1 to 9	55.0	40.1	39.7
66	6N8 (L2)	Estimate the product of a decimal number by a whole number	67.5	65.6	64.6
67	6N8 (L2)	Estimate the quotient for division of decimals by a divisor from 1 to 9	42.5	62.4	61.3
68	6N9 (L1)	Apply the order of operations to solve a problem	10.0	32.4	33.5
69	6SS2 (L2)	Estimate the measure of a given angle	75.0	74.2	73.4
70	6SS2 (L2)	Give the measure of a missing angle in a given triangle	75.0	68.0	68.9

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

### District 4 - Eastern

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# School #: 342 MacDonald Drive Elementary, St. John's Grades: K-6

Item Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=58]	<b>District</b> [N=2,936]	<b>Province</b> [N=4,998]
<u>Number Co</u>	ncepts				
<u></u>					
41	6N1 (L1)	Write a given number in written form	26.4	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	55.5	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	26.4	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	33.6	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	22.7	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	55.5	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	53.6	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	39.1	45.7	46.4
<u>Patterns ar</u> 49	<u>ad Relations</u> 6PR4 (L2)	Represent an equivalent equation for a given equation	54.4	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	19.3	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	64.9	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	37.7	56.6	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	31.6	33.5	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	42.1	35.4	39.1
Shape and	<u>Space</u> 6SS1 (L2)	Draw an angle of a given measure	71.9	65.7	65.2
56	6SS3 (L2)	Solve measurement problem involving volume			00.2
57	6SS3 (L2)		67.5	49.0	51.0
58	. ,	Draw a rectangle for a given area	75.4	73.7	51.0 75.3
	6SS4 (L2)	Draw a rectangle for a given area Draw a specified triangle	75.4 70.2	73.7 68.2	51.0 75.3 68.8
59	6SS4 (L2) 6SS6 (L2)	Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	75.4 70.2 52.6	73.7 68.2 63.8	51.0 75.3 68.8 63.7
59 60	6SS4 (L2)	Draw a rectangle for a given area Draw a specified triangle	75.4 70.2	73.7 68.2	51.0 75.3 68.8
1	6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	75.4 70.2 52.6	73.7 68.2 63.8	51.0 75.3 68.8 63.7
60 <u>Mental Matr</u> 61	6SS4 (L2) 6SS6 (L2) 6SS6 (L2) <u>h</u> 6N3 (L1)	Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	75.4 70.2 52.6	73.7 68.2 63.8	51.0 75.3 68.8 63.7
60 <u>Mental Mat</u>	6SS4 (L2) 6SS6 (L2) 6SS6 (L2) <u>b</u>	Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	75.4 70.2 52.6 65.8	73.7 68.2 63.8 59.8	51.0 75.3 68.8 63.7 60.0
60 <u>Mental Matr</u> 61	6SS4 (L2) 6SS6 (L2) 6SS6 (L2) <u>h</u> 6N3 (L1)	Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact	75.4 70.2 52.6 65.8 87.3	73.7 68.2 63.8 59.8 87.3	51.0 75.3 68.8 63.7 60.0 87.4
60 <u>Mental Mate</u> 61 62 63 64	6SS4 (L2) 6SS6 (L2) 6SS6 (L2) <u>b</u> 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio	75.4 70.2 52.6 65.8 87.3 80.0	73.7 68.2 63.8 59.8 87.3 76.4	51.0 75.3 68.8 63.7 60.0 87.4 76.7
60 <u>Mental Mate</u> 61 62 63 64 65	6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) <u>h</u> 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	75.4 70.2 52.6 65.8 87.3 80.0 56.4 72.7 56.4	73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
60 <u>Mental Mat</u> 61 62 63 63 64 65 66	6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number	75.4 70.2 52.6 65.8 87.3 80.0 56.4 72.7 56.4 61.8	73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
60 <u>Mental Mate</u> 61 62 63 64 65	6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	75.4 70.2 52.6 65.8 87.3 80.0 56.4 72.7 56.4	73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
60 <u>Mental Mat</u> 61 62 63 63 64 65 66	6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number	75.4 70.2 52.6 65.8 87.3 80.0 56.4 72.7 56.4 61.8	73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
60 <u>Mental Mat</u> 61 62 63 63 64 65 66 66 67	6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number Estimate the quotient for division of decimals by a divisor from 1 to 9	75.4 70.2 52.6 65.8 87.3 80.0 56.4 72.7 56.4 61.8 65.5	73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

### District 4 - Eastern

School #: 345 Mary Queen of Peace Elementary, St. John's

Grades: K-6

Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=93]	<b>District</b> [N=2,936]	<b>Proving</b> [N=4,998
lumber Cor	ncepts				
41	6N1 (L1)	Write a given number in written form	51.6	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	62.0	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	60.9	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	56.0	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	58.7	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	54.9	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	70.1	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	73.9	45.7	46.4
Patterns and	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	78.9	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	40.6	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	76.1	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	64.4	56.6	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	40.6	33.5	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	38.9	35.4	39.1
54 Thape and S	6PR3 (L2)	Represent a pattern rule as a mathematical expression	38.9		
54 <b>hape and S</b> 55	6PR3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	38.9 81.1	65.7	65.2
54 Thape and S	6PR3 (L2)	Represent a pattern rule as a mathematical expression	38.9		65.2 51.0
54 hape and \$ 55 56	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	38.9 81.1 51.1	65.7 49.0	65.2 51.0 75.3
54 hape and \$ 55 56 57	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	38.9 81.1 51.1 83.9	65.7 49.0 73.7	65.2 51.0 75.3 68.8
54 <b>Shape and S</b> 55 56 57 58	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	38.9 81.1 51.1 83.9 76.7	65.7 49.0 73.7 68.2	65.2 51.0 75.3 68.8 63.7
54 <b>Chape and S</b> 55 56 57 58 59	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	81.1 51.1 83.9 76.7 77.2	65.7 49.0 73.7 68.2 63.8	39.1 65.2 51.0 75.3 68.8 63.7 60.0
54 <i>hape and S</i> 55 56 57 58 59 60 <i>fental Math</i> 61	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	81.1 51.1 83.9 76.7 77.2	65.7 49.0 73.7 68.2 63.8	65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 <i>hape and S</i> 55 56 57 58 59 60 <i>Mental Math</i>	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	81.1 51.1 83.9 76.7 77.2 76.7	65.7 49.0 73.7 68.2 63.8 59.8	65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 55 56 57 58 59 60 Mental Math 61	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	81.1 51.1 83.9 76.7 77.2 76.7 97.8	65.7 49.0 73.7 68.2 63.8 59.8 87.3	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54 55 56 57 58 59 60 Mental Math 61 62	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	38.9 81.1 51.1 83.9 76.7 77.2 76.7 97.8 96.6	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	65.2 51.0 75.3 68.8 63.7
54 hape and \$ 55 56 57 58 59 60 hental Math 61 62 63	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	38.9 81.1 51.1 83.9 76.7 77.2 76.7 97.8 96.6 86.5	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
54 hape and \$ 55 56 57 58 59 60 Mental Math 61 62 63 64	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	38.9 81.1 51.1 83.9 76.7 77.2 76.7 97.8 96.6 86.5 87.6	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
54 55 56 57 58 59 60 Mental Math 61 62 63 64 65	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	38.9 81.1 51.1 83.9 76.7 77.2 76.7 97.8 96.6 86.5 87.6 56.2	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
54 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	38.9 81.1 51.1 83.9 76.7 77.2 76.7 97.8 96.6 86.5 87.6 56.2 89.3	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
54 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 67	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	38.9 81.1 51.1 83.9 76.7 77.2 76.7 97.8 96.6 86.5 87.6 56.2 89.3 88.2	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 348 Roncalli Elementary, St. John's Grades: K-6

ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=40]	<b>District</b> [N=2,936]	<b>Provin</b> [N=4,99
lumber Cor	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form	40.8	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	39.5	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	27.6	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	30.3	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	21.1	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	44.7	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	54.0	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	29.0	45.7	46.4
Patterns and	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	59.0	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	18.0	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	51.3	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	60.3	56.6	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	42.3	33.5	36.3
			-		
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	30.8	35.4	39.1
				65.7	
hape and S	Space	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	30.8 51.3 38.2		65.2
<b>hape and \$</b> 55	<b>Space</b> 6SS1 (L2)	Draw an angle of a given measure	51.3	65.7	65.2 51.0
55 56	<u>Space</u> 6SS1 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume	51.3 38.2	65.7 49.0	65.2 51.0 75.3
<b>hape and S</b> 55 56 57	<u>Space</u> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area	51.3 38.2 81.6	65.7 49.0 73.7	65.2 51.0 75.3 68.8
hape and \$ 55 56 57 58	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle	51.3 38.2 81.6 44.7	65.7 49.0 73.7 68.2	65.2 51.0 75.3 68.8 63.7
thape and \$	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	51.3 38.2 81.6 44.7 52.6	65.7 49.0 73.7 68.2 63.8	65.2 51.0 75.3 68.8 63.7
hape and \$ 55 56 57 58 59 60 1ental Math	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	51.3 38.2 81.6 44.7 52.6 59.2	65.7 49.0 73.7 68.2 63.8 59.8	65.2 51.0 75.3 68.8 63.7 60.0
hape and \$ 55 56 57 58 59 60 ental Math 61	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)           6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	51.3 38.2 81.6 44.7 52.6 59.2 81.6	65.7 49.0 73.7 68.2 63.8 59.8 87.3	65.2 51.0 75.3 68.8 63.7 60.0 87.4
hape and \$           55           56           57           58           59           60           Mental Math           61           62	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)           6SS6 (L2)           6SS6 (L2)           6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio	51.3 38.2 81.6 44.7 52.6 59.2 81.6 86.8	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
hape and \$ 55 56 57 58 59 60 60 61 61 62 63	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction	51.3 38.2 81.6 44.7 52.6 59.2 81.6 86.8 39.5	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
hape and \$ 55 56 57 58 59 60  Mental Math 61 62 63 64	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)           6N3 (L1)           6N5 (L2)           6N4 (L1)           6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number	51.3 38.2 81.6 44.7 52.6 59.2 81.6 86.8 39.5 68.4	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
hape and \$ 55 56 57 58 59 60  Mental Math 61 62 63 64 65	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)           6N3 (L1)           6N5 (L2)           6N4 (L1)           6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9	51.3 38.2 81.6 44.7 52.6 59.2 81.6 86.8 39.5 68.4 36.8	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
hape and \$ 55 56 57 58 59 60 60 61 61 62 63 64 65 66	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)           6N3 (L1)           6N5 (L2)           6N4 (L1)           6N8 (L2)           6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number	51.3 38.2 81.6 44.7 52.6 59.2 81.6 86.8 39.5 68.4 36.8 72.4	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66           67	Space         6SS1 (L2)         6SS3 (L2)         6SS3 (L2)         6SS4 (L2)         6SS6 (L2)         6SS6 (L2)         6SS6 (L2)         6N3 (L1)         6N5 (L2)         6N4 (L1)         6N8 (L2)         6N8 (L2)         6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the quotient for division of decimals by a divisor from 1 to 9	51.3 38.2 81.6 44.7 52.6 59.2 81.6 86.8 39.5 68.4 36.8 72.4 72.4	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 39.7 64.6 61.3 23.5
Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)           6N3 (L1)           6N5 (L2)           6N4 (L1)           6N8 (L2)           6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number	51.3 38.2 81.6 44.7 52.6 59.2 81.6 86.8 39.5 68.4 36.8 72.4	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

### District 4 - Eastern

School #: 349 St. Andrew's Elementary, St. John's Grades: K-6

ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=32]	<b>District</b> [N=2,936]	<b>Provinc</b> [N=4,998
lumber Co	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form	40.0	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	30.0	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	20.0	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	38.3	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	25.0	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	48.3	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	63.3	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	31.7	45.7	46.4
Patterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	74.1	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	25.9	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	74.1	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	44.4	56.6	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	31.5	33.5	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	35.2	35.4	39.1
Shape and	<u>Space</u> 6SS1 (L2)		10.7	65.7	65.2
56	. ,	Draw an angle of a given measure	40.7	65.7	51.0
57	6SS3 (L2) 6SS3 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area	27.8 74.1	49.0 73.7	75.3
58	6SS4 (L2)	Draw a specified triangle	50.0	68.2	68.8
59	6SS6 (L2)	Represent the result of combining transformations	37.0	63.8	63.7
60	6SS6 (L2)	Represent the result of combining transformations	42.6	59.8	60.0
llentai Mat	<u>-</u>			1	
<u>fental Mati</u>	6N3 (L1)	Solve a multiplication fact	06.0	97.9	07 4
61	6N3 (L1) 6N5 (L2)	Solve a multiplication fact	96.8 80.7	87.3 76.4	87.4
61 62	6N5 (L2)	Give an equivalent ratio for a given ratio	80.7	76.4	76.7
61 62 63	6N5 (L2) 6N4 (L1)	Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction	80.7 58.1	76.4 59.2	76.7 59.7
61 62 63 64	6N5 (L2) 6N4 (L1) 6N8 (L2)	Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number	80.7 58.1 51.6	76.4 59.2 64.6	76.7 59.7 64.6
61 62 63 64 65	6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9	80.7 58.1 51.6 25.8	76.4 59.2 64.6 40.1	76.7 59.7 64.6 39.7
61 62 63 64 65 66	6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Give an equivalent ratio for a given ratioGive a mixed number for a given improper fractionFind the product of a decimal number and a whole numberSolve a problem for division of decimals by a divisor from 1 to 9Estimate the product of a decimal number by a whole number	80.7 58.1 51.6 25.8 56.5	76.4 59.2 64.6 40.1 65.6	76.7 59.7 64.6 39.7 64.6
61 62 63 64 65	6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9	80.7 58.1 51.6 25.8	76.4 59.2 64.6 40.1	76.7 59.7 64.6 39.7

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6SS2 (L2)

6SS2 (L2)

69

70

Source: Division of Evaluation and Research, Department of Education

Mushuau Innu Natuashish and Peenamin McKenzie School are excluded from district and provincial results.

Estimate the measure of a given angle

Give the measure of a missing angle in a given triangle

73.4

68.9

74.2

68.0

61.3

58.1



(Item Analysis: % of content answered correctly)

### District 4 - Eastern

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School #: 350 St. John Bosco School, St. John's Grades: K-9

Item Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=19]	District [N=2,936]	<b>Province</b> [N=4,998]
<u>Number Co</u>	oncepts				
41	6N1 (L1)	Write a given number in written form	8.8	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	17.7	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	5.9	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	23.5	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	11.8	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	26.5	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	32.4	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	11.8	45.7	46.4
	nd Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	21.1	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation Create a table of values for a given situation	0.0	26.7	30.2
51 52	6PR2 (L2)	Graph a table of values using a linear graph	39.5	68.7	70.4
53	6PR2, 6SP1 (L2)		31.6	56.6	59.5
53	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	0.0	33.5 35.4	36.3 39.1
<u>Shape and</u> 55	<u>Space</u> 6SS1 (L2)	Draw an angle of a given measure	15.8	65.7	65.2
56	6SS3 (L2)	Solve measurement problem involving volume	21.1	49.0	51.0
57	6SS3 (L2)	Draw a rectangle for a given area	44.7	73.7	75.3
58	6SS4 (L2)	Draw a specified triangle	26.3	68.2	68.8
59	6SS6 (L2)	Represent the result of combining transformations	36.8	63.8	63.7
60	6SS6 (L2)	Represent the result of combining transformations	34.2	59.8	60.0
<u>Mental Mat</u>	<u>h</u>				
61	6N3 (L1)	Solve a multiplication fact	41.2	87.3	87.4
62	6N5 (L2)	Give an equivalent ratio for a given ratio	55.9	76.4	76.7
63	6N4 (L1)	Give a mixed number for a given improper fraction	17.7	59.2	59.7
64	6N8 (L2)	Find the product of a decimal number and a whole number	23.5	64.6	64.6
65	6N8 (L2)	Solve a problem for division of decimals by a divisor from 1 to 9	0.0	40.1	39.7
66	6N8 (L2)	Estimate the product of a decimal number by a whole number	20.6	65.6	64.6
67	6N8 (L2)	Estimate the quotient for division of decimals by a divisor from 1 to 9	26.5	62.4	61.3
68	6N9 (L1)	Apply the order of operations to solve a problem	5.9	32.4	33.5
69	6SS2 (L2)	Estimate the measure of a given angle	38.2	74.0	70.4
70	6SS2 (L2)	Give the measure of a missing angle in a given triangle	30.2	74.2	73.4

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 355 St. Mary's Elementary, St. John's

Grades: K-6

Number	Outcome(s) Cognitive Level	Outcome Description	School [N=20]	<b>District</b> [N=2,936]	<b>Proving</b> [N=4,998
lumber Col	ncepts				
41	6N1 (L1)	Write a given number in written form	77.8	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	11.1	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	75.0	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	80.6	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	58.3	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	88.9	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	83.3	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	86.1	45.7	46.4
atterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	87.5	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	70.0	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	87.5	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	65.0	56.6	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	70.0	33.5	36.3
	6PR3 (L2)	Represent a pattern rule as a mathematical expression	75.0	35.4	
54			73.0		39.1
			100.0	65.7	65.2
hape and s	Space	Draw an angle of a given measure Solve measurement problem involving volume			
<b>hape and s</b> 55	<b>Space</b> 6SS1 (L2)	Draw an angle of a given measure	100.0	65.7	65.2
<b>hape and S</b> 55 56	<u>Space</u> 6SS1 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume	100.0 90.0	65.7 49.0	65.2 51.0
55 56 57	<u>Space</u> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area	100.0 90.0 92.5	65.7 49.0 73.7	65.2 51.0 75.3
55 56 57 58	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle	100.0 90.0 92.5 95.0	65.7 49.0 73.7 68.2	65.2 51.0 75.3 68.8 63.7
thape and s	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	100.0 90.0 92.5 95.0 90.0	65.7 49.0 73.7 68.2 63.8	65.2 51.0 75.3 68.8
thape and s	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	100.0 90.0 92.5 95.0 90.0 90.0	65.7 49.0 73.7 68.2 63.8 59.8	65.2 51.0 75.3 68.8 63.7 60.0
hape and 5 55 56 57 58 59 60 60	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	100.0 90.0 92.5 95.0 90.0 90.0 100.0	65.7 49.0 73.7 68.2 63.8 59.8 87.3	65.2 51.0 75.3 68.8 63.7 60.0 87.4
hape and 5 55 56 57 58 59 60 Mental Math 61 62	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio	100.0 90.0 92.5 95.0 90.0 90.0 90.0	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
hape and 5 55 56 57 58 59 60 Mental Math 61 62 63	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction	100.0 90.0 92.5 95.0 90.0 90.0 90.0 100.0 100.0 68.4	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
hape and \$ 55 56 57 58 59 60  Mental Math 61 62 63 64	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number	100.0 90.0 92.5 95.0 90.0 90.0 90.0 100.0 68.4 94.7	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
hape and S 55 56 57 58 59 60 Mental Math 61 62 63 63 64 65	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	100.0 90.0 92.5 95.0 90.0 90.0 90.0 100.0 68.4 94.7 63.2	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
55         56         57         58         59         60         Mental Math         61         62         63         64         65         66	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number	100.0 90.0 92.5 95.0 90.0 90.0 90.0 100.0 68.4 94.7 63.2 89.5	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
Shape and S         55         56         57         58         59         60         Mental Math         61         62         63         64         65         66         67	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the quotient for division of decimals by a divisor from 1 to 9	100.0 90.0 92.5 95.0 90.0 90.0 90.0 100.0 68.4 94.7 63.2 89.5 76.3	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3
hape and \$ 55 56 57 58 59 60 60 61 62 63 64 65 66 67 68	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give an equivalent ratio for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number Estimate the quotient for division of decimals by a divisor from 1 to 9 Apply the order of operations to solve a problem	100.0 90.0 92.5 95.0 90.0 90.0 90.0 100.0 68.4 94.7 63.2 89.5 76.3 57.9	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4 32.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3 33.5
Shape and S         55         56         57         58         59         60         Mental Math         61         62         63         64         65         66         67	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the quotient for division of decimals by a divisor from 1 to 9	100.0 90.0 92.5 95.0 90.0 90.0 90.0 100.0 68.4 94.7 63.2 89.5 76.3	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

### District 4 - Eastern

School #: 356 St. Matthews Elementary, St. John's Grades: K-7

ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=69]	District [N=2,936]	Province
Number	Cognitive Level		[14=00]	[11-2,000]	
Number Con	<u>cepts</u>				
41	6N1 (L1)	Write a given number in written form	24.3	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	31.6	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	30.2	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	45.6	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line Solve a problem involving factors	34.6	30.7	30.3
46	6N3 (L3) 6N7 (L3)	Compare the value of two given integers	49.3 51.5	53.9 58.7	55.3 59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	39.7	45.7	46.4
	Deletiene				
Patterns and	Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	59.4	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	12.5	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	61.7	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	36.7	56.6	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	7.8	33.5	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	21.9	35.4	39.1
<u>.</u>					
Shape and S	pace				
55	6SS1 (L2)	Draw an angle of a given measure	63.3	65.7	65.2
56	6SS3 (L2)	Solve measurement problem involving volume	45.3	49.0	51.0
57	6SS3 (L2)	Draw a rectangle for a given area	55.5	73.7	75.3
58	6SS4 (L2)	Draw a specified triangle	51.6	68.2	68.8
59	6SS6 (L2)	Represent the result of combining transformations	60.9	63.8	63.7
60	6SS6 (L2)	Represent the result of combining transformations	53.9	59.8	60.0
<u>Mental Math</u>					
61	6N3 (L1)	Solve a multiplication fact	89.4	87.3	87.4
62	6N5 (L2)	Give an equivalent ratio for a given ratio	81.8	76.4	76.7
63	6N4 (L1)	Give a mixed number for a given improper fraction	56.1	59.2	59.7
64	6N8 (L2)	Find the product of a decimal number and a whole number	60.6	64.6	64.6
65	6N8 (L2)	Solve a problem for division of decimals by a divisor from 1 to 9	39.4	40.1	39.7
66	6N8 (L2)	Estimate the product of a decimal number by a whole number	47.0	65.6	64.6
67	6N8 (L2)	Estimate the quotient for division of decimals by a divisor from 1 to 9	57.6	62.4	61.3
68	6N9 (L1)	Apply the order of operations to solve a problem	18.9	32.4	33.5
69	6SS2 (L2)	Estimate the measure of a given angle	70.5	74.2	73.4
70	6SS2 (L2)	Give the measure of a missing angle in a given triangle	62.1	68.0	68.9

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

### District 4 - Eastern

School #: 360 Rennie's River Elementary School, St. John's

Grades: K-6

ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=53]	<b>District</b> [N=2,936]	<b>Provinc</b> [N=4,998
lumber Cor	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form	2.0	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	31.6	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	28.6	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	25.5	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	19.4	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	41.8	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	37.8	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	23.5	45.7	46.4
<b>Patterns an</b> 49	<u>d Relations</u> 6PR4 (L2)	Represent an equivalent equation for a given equation	51.0	63.3	63.6
49 50	6PR4 (L2)	Write a mathematical expression for a given situation	51.0 5.0	26.7	63.6 30.2
51	6PR2 (L2)	Create a table of values for a given situation	73.0	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph		56.6	
52	0FR2, 03FT (L2)		47.0		59.5 36.3
50					
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	26.0 14.0	33.5 35.4	39.1
54 Shape and S	6PR3 (L2) Space	Represent a pattern rule as a mathematical expression	14.0	35.4	39.1
54 <b>hape and S</b> 55	6PR3 (L2) Space 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	14.0	35.4	39.1 65.2
54 Thape and \$ 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	14.0 53.0 41.0	35.4 65.7 49.0	39.1 65.2 51.0
54 Shape and S 55	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	14.0 53.0 41.0 74.0	65.7 49.0 73.7	39.1 65.2 51.0 75.3
54 hape and \$ 55 56 57	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	14.0 53.0 41.0	35.4 65.7 49.0	39.1 65.2 51.0 75.3 68.8
54 hape and \$ 55 56 57 58	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	14.0 53.0 41.0 74.0 65.0	35.4 65.7 49.0 73.7 68.2	39.1 65.2 51.0 75.3 68.8
54 55 56 57 58 59 60 Mental Math	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	14.0 53.0 41.0 74.0 65.0 36.0 35.0	35.4         65.7         49.0         73.7         68.2         63.8         59.8	39.1 65.2 51.0 75.3 68.8 63.7 60.0
54 55 56 57 58 59 60 Mental Math 61	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	14.0 53.0 41.0 74.0 65.0 36.0 35.0 93.3	35.4 65.7 49.0 73.7 68.2 63.8 59.8 59.8 87.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 55 56 57 58 59 60 Mental Math 61 62	6PR3 (L2) 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	14.0 53.0 41.0 74.0 65.0 36.0 35.0 93.3 57.8	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54 55 56 57 58 59 60 Mental Math 61 62 63	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	14.0 53.0 41.0 74.0 65.0 36.0 35.0 93.3 57.8 42.2	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
54 55 56 57 58 59 60 Mental Math 61 62 63 64	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	14.0 53.0 41.0 74.0 65.0 36.0 35.0 93.3 57.8 42.2 51.1	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
54 55 56 57 58 59 60 Mental Math 61 62 63 64 65	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	14.0 53.0 41.0 74.0 65.0 36.0 35.0 93.3 57.8 42.2 51.1 33.3	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
54 55 56 57 58 59 60 60 61 62 63 64 65 66	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	14.0 53.0 41.0 74.0 65.0 36.0 35.0 93.3 57.8 42.2 51.1 33.3 64.4	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6
54 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 67	6PR3 (L2) 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	14.0 53.0 41.0 74.0 65.0 36.0 35.0 93.3 57.8 42.2 51.1 33.3 64.4 53.3	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6         62.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3
54 55 56 57 58 59 60 60 61 62 63 64 65 66 67 68	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N9 (L1)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9         Apply the order of operations to solve a problem	14.0 53.0 41.0 74.0 65.0 36.0 35.0 93.3 57.8 42.2 51.1 33.3 64.4 53.3 11.1	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6         62.4         32.4	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6
54 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 67	6PR3 (L2) 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	14.0 53.0 41.0 74.0 65.0 36.0 35.0 93.3 57.8 42.2 51.1 33.3 64.4 53.3	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6         62.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

### District 4 - Eastern

School #: 362 St. Teresa's School/Ecole Ste-Thérèse, St. John's

Grades: K-6

ltem lumber	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=53]	<b>District</b> [N=2,936]	<b>Provinc</b> [N=4,998
umber Col	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form	7.1	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	39.8	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	26.5	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	43.9	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	24.5	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	46.9	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	61.2	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	37.8	45.7	46.4
<b>atterns an</b> 49	<u>d Relations</u> 6PR4 (L2)	Represent an equivalent equation for a given equation	40.2	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	10.8	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	53.9	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	29.4	56.6	59.5
02	,	Write a pattern rule for a given problem	10.8	33.5	36.3
52	6002 (12)			33.3	30.3
53 54	6PR3 (L2) 6PR3 (L2)	Represent a pattern rule as a mathematical expression	8.8	35.4	39.1
	6PR3 (L2)	Represent a pattern rule as a mathematical expression			
54 hape and s	6PR3 (L2) <b>Space</b>	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	8.8	35.4	39.1
54 mape and 5 55	6PR3 (L2) <b>Space</b> 6SS1 (L2)	Represent a pattern rule as a mathematical expression	8.8 46.0	35.4	39.1 65.2
54 hape and s 55 56	6PR3 (L2) <u>Space</u> 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	8.8 46.0 28.0	35.4 65.7 49.0	39.1 65.2 51.0 75.3
54 hape and 5 55 56 57	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	8.8 46.0 28.0 52.0	65.7 49.0 73.7	39.1 65.2 51.0 75.3
54 <b>be and S</b> 55	6PR3 (L2) <b>Space</b> 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	8.8 46.0	35.4	39.1 65.2
54 aape and 5 55 56 57	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	8.8 46.0 28.0 52.0	65.7 49.0 73.7	39.1 65.2 51.0 75.3
54 <b>nape and S</b> 55 56 57 58	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	8.8 46.0 28.0 52.0 63.0	65.7 49.0 73.7 68.2	39.1 65.2 51.0 75.3 68.8
54 hape and 5 55 56 57 58	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	8.8 46.0 28.0 52.0 63.0	65.7 49.0 73.7 68.2	39. 65. 51. 75. 68.
54 hape and 5 55 56 57 58 59 60	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	8.8 46.0 28.0 52.0 63.0	65.7 49.0 73.7 68.2	39.1 65.2 51.0 75.3 68.8 63.7
54 55 56 57 58 59 60 ental Math	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	8.8 46.0 28.0 52.0 63.0 49.0 39.0	35.4         65.7         49.0         73.7         68.2         63.8         59.8	39.1 65.2 51.0 75.3 68.8 63.7 60.0
54 hape and 5 55 56 57 58 59 60	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	8.8 46.0 28.0 52.0 63.0 49.0	35.4 65.7 49.0 73.7 68.2 63.8	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 hape and 5 55 56 57 58 59 60 ental Math 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1) 6N5 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	8.8 46.0 28.0 52.0 63.0 49.0 39.0 74.0 63.0	35.4 65.7 49.0 73.7 68.2 63.8 59.8 59.8 87.3 76.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54 hape and 5 55 56 57 58 59 60 ental Math 61 62 63	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	8.8 46.0 28.0 52.0 63.0 49.0 39.0 74.0 63.0 36.0	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
54 hape and 3 55 56 57 58 59 60 ental Math 61 62 63 64	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	8.8 46.0 28.0 52.0 63.0 49.0 39.0 74.0 63.0 36.0 54.0	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
54 hape and 3 55 56 57 58 59 60 ental Math 61 62 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	8.8 46.0 28.0 52.0 63.0 49.0 39.0 74.0 63.0 36.0 54.0 38.0	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
54 hape and 5 55 56 57 58 59 60 ental Math 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	8.8 46.0 28.0 52.0 63.0 49.0 39.0 74.0 63.0 36.0 54.0 38.0 55.0	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
54 hape and S 55 56 57 58 59 60 ental Math 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	8.8 46.0 28.0 52.0 63.0 49.0 39.0 39.0 74.0 63.0 36.0 54.0 38.0 55.0 55.0 50.0	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6         62.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3
54 hape and 3 55 56 57 58 59 60 ental Math 61 62 63 64 65 66 67 68	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9         Apply the order of operations to solve a problem	8.8 46.0 28.0 52.0 63.0 49.0 39.0 39.0 74.0 63.0 36.0 54.0 38.0 55.0 50.0 11.0	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6         62.4         32.4	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6           39.7           64.6           33.5
54 hape and S 55 56 57 58 59 60 ental Math 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	8.8 46.0 28.0 52.0 63.0 49.0 39.0 39.0 74.0 63.0 36.0 54.0 38.0 55.0 55.0 50.0	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6         62.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 39.7

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 363 Vanier Elementary, St. John's Grades: K-6

Number	Outcome(s) Cognitive Level	Outcome Description	School [N=38]	<b>District</b> [N=2,936]	<b>Provin</b> [N=4,99
lumber Cor	ncepts				
41	6N1 (L1)	Write a given number in written form	16.7	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	34.7	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	50.0	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	62.5	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	51.4	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	70.8	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	68.1	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	72.2	45.7	46.4
atterns and	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	69.7	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	36.8	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	69.7	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	72.4	56.6	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	40.8	33.5	36.3
	6PR3 (L2)	Represent a pattern rule as a mathematical expression	29.0	35.4	39.1
54			23.0	00.4	39.1
hape and S	Space				
<b>hape and S</b> 55	<b>Space</b> 6SS1 (L2)	Draw an angle of a given measure	29.0	65.7	65.2
hape and S	Space				65.2 51.0
<b>hape and \$</b> 55 56	<u>Space</u> 6SS1 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume	29.0 19.7	65.7 49.0	65.2 51.0 75.3
hape and \$ 55 56 57	<u>Space</u> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area	29.0 19.7 68.4	65.7 49.0 73.7	65.2 51.0 75.3 68.8
hape and \$ 55 56 57 58	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle	29.0 19.7 68.4 39.5	65.7 49.0 73.7 68.2	65.2 51.0 75.3 68.8 63.7
hape and \$ 55 56 57 58 59 60	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	29.0 19.7 68.4 39.5 71.1	65.7 49.0 73.7 68.2 63.8	65.2 51.0 75.3 68.8 63.7
hape and \$ 55 56 57 58 59 60 ental Math	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	29.0 19.7 68.4 39.5 71.1 63.2	65.7 49.0 73.7 68.2 63.8 59.8	65.2 51.0 75.3 68.8 63.7 60.0
hape and \$ 55 56 57 58 59 60 ental Math	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	29.0 19.7 68.4 39.5 71.1 63.2 97.3	65.7 49.0 73.7 68.2 63.8 59.8 87.3	65.2 51.0 75.3 68.8 63.7 60.0 87.4
hape and \$ 55 56 57 58 59 60 ental Math 61 62	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)           6SS6 (L2)           6SS6 (L2)           6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio	29.0 19.7 68.4 39.5 71.1 63.2 97.3 94.6	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
hape and \$ 55 56 57 58 59 60 ental Math 61 62 63	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction	29.0 19.7 68.4 39.5 71.1 63.2 97.3 94.6 81.1	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
hape and \$ 55 56 57 58 59 60 ental Math 61 62 63 64	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)           6N3 (L1)           6N4 (L1)           6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number	29.0 19.7 68.4 39.5 71.1 63.2 97.3 94.6 81.1 75.7	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
hape and \$ 55 56 57 58 59 60 ental Math 61 62 63 64 65	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9	29.0 19.7 68.4 39.5 71.1 63.2 97.3 94.6 81.1 75.7 35.1	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
hape and \$ 55 56 57 58 59 60 60 61 61 62 63 64 65 66	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number	29.0 19.7 68.4 39.5 71.1 63.2 97.3 94.6 81.1 75.7 35.1 70.3	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
hape and \$ 55 56 57 58 59 60 ental Math 61 62 63 64 65 66 67	Space         6SS1 (L2)         6SS3 (L2)         6SS3 (L2)         6SS4 (L2)         6SS6 (L2)         6SS6 (L2)         6SS6 (L2)         6N3 (L1)         6N5 (L2)         6N4 (L1)         6N8 (L2)         6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the quotient for division of decimals by a divisor from 1 to 9	29.0 19.7 68.4 39.5 71.1 63.2 97.3 94.6 81.1 75.7 35.1 70.3 71.6	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3
hape and \$ 55 56 57 58 59 60 ental Math 61 62 63 64 65 66	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number	29.0 19.7 68.4 39.5 71.1 63.2 97.3 94.6 81.1 75.7 35.1 70.3	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6

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Source: Division of Evaluation and Research, Department of Education



#### Elementary Mathematics Provincial Assessment, June 2012 School Report - Written Response Items (Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 364 Virginia Park Elementary, St. John's Grades: K-6

School District Province Outcome(s) Item **Cognitive Level Outcome Description** [N=30] [N=2,936] [N=4,998] Number Number Concepts 41 6N1 (L1) Write a given number in written form 35.7 33.0 36.2 42 6N1 (L2) Write numbers located betweeen two givien numbers 25.0 42.6 43.9 43 6N5 (L3) Demonstrate an understanding of equivalent ratios 37.5 8.9 37.3 Demonstrate an understanding of percent pictorially and symbolically 44 6N6 (L2) 25.0 45.9 46.3 Place mixed numbers and improper fractions on a number line 45 6N4 (L2) 12.5 30.7 30.3 Solve a problem involving factors 46 6N3 (L3) 46.4 53.9 55.3 6N7 (L3) 47 Compare the value of two given integers 42.9 58.7 59.4 48 6N4 (L3) Solve a problem that relates improper fractions to mixed numbers 17.9 45.7 46.4 Patterns and Relations 6PR4 (L2) Represent an equivalent equation for a given equation 49 35.0 63.3 63.6 50 6PR1 (L2) Write a mathematical expression for a given situation 6.7 26.7 30.2 51 6PR2 (L2) Create a table of values for a given situation 33.3 68.7 70.4 52 6PR2, 6SP1 (L2) Graph a table of values using a linear graph 28.3 56.6 59.5 53 6PR3 (L2) Write a pattern rule for a given problem 8.3 33.5 36.3 54 6PR3 (L2) Represent a pattern rule as a mathematical expression 16.7 35.4 39.1 Shape and Space 6SS1 (L2) 55 Draw an angle of a given measure 63.3 65.7 65.2 56 6SS3 (L2) Solve measurement problem involving volume 13.3 49.0 51.0 57 6SS3 (L2) Draw a rectangle for a given area 48.3 73.7 75.3 58 6SS4 (L2) Draw a specified triangle 61.7 68.2 68.8 59 6SS6 (L2) Represent the result of combining transformations 26.7 63.8 63.7 60 6SS6 (L2) Represent the result of combining transformations 45.0 59.8 60.0 Mental Math 6N3 (L1) Solve a multiplication fact 61 60.7 87.3 87.4 62 6N5 (L2) Give an equivalent ratio for a given ratio 53.6 76.4 76.7 Give a mixed number for a given improper fraction 63 6N4 (L1) 21.4 59.2 59.7 64 6N8 (L2) Find the product of a decimal number and a whole number 53.6 64.6 64.6 65 6N8 (L2) Solve a problem for division of decimals by a divisor from 1 to 9 10.7 40.1 39.7 66 6N8 (L2) Estimate the product of a decimal number by a whole number 25.0 65.6 64.6 67 6N8 (L2) Estimate the quotient for division of decimals by a divisor from 1 to 9 30.4 62.4 61.3 68 6N9 (L1) Apply the order of operations to solve a problem 7.1 32.4 33.5 69 6SS2 (L2) Estimate the measure of a given angle 71.4 74.2 73.4 70 6SS2 (L2) Give the measure of a missing angle in a given triangle 67.9 68.0 68.9

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

District 4 - Eastern

## School #: 367 Holy Trinity Elementary, Torbay

Grades: K-6

ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=89]	<b>District</b> [N=2,936]	<b>Provinc</b> [N=4,998
Number Col	ncepts				
41	6N1 (L1)	Write a given number in written form	36.4	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	38.6	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	35.2	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	45.5	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	27.3	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	56.3	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	52.3	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	38.1	45.7	46.4
Patterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	66.7	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	16.7	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	65.5	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	65.5	56.6	59.5
		Write a pattern rule for a given problem	31.6	33.5	36.3
53	6PR3 (L2)	white a pattern rule for a given problem	01.0	00.0	
53 54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	27.0	35.4	39.1
54	6PR3 (L2)				
54 hape and S	6PR3 (L2) Space	Represent a pattern rule as a mathematical expression	27.0	35.4	39.1
54 Shape and \$ 55	6PR3 (L2) <b>Space</b> 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	27.0	35.4 65.7	<u>39.1</u> 65.2
54 hape and \$ 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	27.0 58.6 41.4	35.4 65.7 49.0	39.1 65.2 51.0
54 <b>hape and S</b> 55 56 57	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	27.0 58.6 41.4 78.2	35.4 65.7 49.0 73.7	39.1 65.2 51.0 75.3
54 hape and \$ 55 56 57 58	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	27.0 58.6 41.4 78.2 70.7	35.4 65.7 49.0 73.7 68.2	39.1 65.2 51.0 75.3 68.8
54 55 56 57 58 59 60 Mental Math	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	27.0 58.6 41.4 78.2 70.7 74.7 60.9	35.4         65.7         49.0         73.7         68.2         63.8         59.8	39.1 65.2 51.0 75.3 68.8 63.7
54 hape and \$ 55 56 57 58 59 60 fental Math 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	27.0 58.6 41.4 78.2 70.7 74.7 60.9 89.9	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 hape and \$ 55 56 57 58 59 60 Mental Math 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	27.0 58.6 41.4 78.2 70.7 74.7 60.9 89.9 56.0	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54 hape and \$ 55 56 57 58 59 60 Mental Math 61 62 63	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	27.0 58.6 41.4 78.2 70.7 74.7 60.9 89.9 56.0 58.9	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7
54 hape and \$ 55 56 57 58 59 60	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	27.0 58.6 41.4 78.2 70.7 74.7 60.9 89.9 56.0 58.9 64.9	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
54 <i>hape and</i> 5 55 56 57 58 59 60 <i>Mental Math</i> 61 62 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	27.0 58.6 41.4 78.2 70.7 74.7 60.9 89.9 56.0 58.9 64.9 44.6	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7
54 hape and \$ 55 56 57 58 59 60 fental Math 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	27.0 58.6 41.4 78.2 70.7 74.7 60.9 89.9 56.0 58.9 64.9 44.6 70.8	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
54 hape and \$ 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	27.0 58.6 41.4 78.2 70.7 74.7 60.9 89.9 56.0 58.9 64.9 44.6 70.8 67.9	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6         62.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 39.7
54 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	27.0 58.6 41.4 78.2 70.7 74.7 60.9 89.9 56.0 58.9 64.9 44.6 70.8	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
54           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66           67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	27.0 58.6 41.4 78.2 70.7 74.7 60.9 89.9 56.0 58.9 64.9 44.6 70.8 67.9	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6         62.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 39.7

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

### District 4 - Eastern

School #: 370 Stella Maris Academy, Trepassey Grades: K-6,8-12

Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=8]	<b>District</b> [N=2,936]	<b>Province</b> [N=4,998]
Number Co	ncepts				
41	6N1 (L1)	Write a given number in written form	68.8	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	87.5	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	43.8	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	31.3	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	31.3	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	68.8	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	62.5	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	43.8	45.7	46.4
Patterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	56.3	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	62.5	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	68.8	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	56.3	56.6	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	31.3	33.5	36.3
	6PR3 (L2)	Represent a pattern rule as a mathematical expression	25.0	35.4	39.1
54			23.0	00.4	55.1
54 <b>Shape and</b> 55		Draw an angle of a given measure	62.5	65.7	65.2
Shape and	Space				
Shape and	<b>Space</b> 6SS1 (L2)	Draw an angle of a given measure	62.5	65.7	65.2
<b>Shape and</b> 55 56	<u>Space</u> 6SS1 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume	62.5 62.5	65.7 49.0	65.2 51.0
Shape and 55 56 57	<u>Space</u> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area	62.5 62.5 56.3	65.7 49.0 73.7	65.2 51.0 75.3
Shape and 55 56 57 58	<u>Space</u> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle	62.5 62.5 56.3 50.0	65.7 49.0 73.7 68.2	65.2 51.0 75.3 68.8
Shape and 55 56 57 58 59	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	62.5 62.5 56.3 50.0 75.0	65.7 49.0 73.7 68.2 63.8	65.2 51.0 75.3 68.8 63.7
Shape and 55 56 57 58 59 60	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	62.5 62.5 56.3 50.0 75.0	65.7 49.0 73.7 68.2 63.8	65.2 51.0 75.3 68.8 63.7
Shape and           55           56           57           58           59           60	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	62.5 62.5 56.3 50.0 75.0 50.0	65.7 49.0 73.7 68.2 63.8 59.8	65.2 51.0 75.3 68.8 63.7 60.0
Shape and           55           56           57           58           59           60           Mental Math           61	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	62.5 62.5 56.3 50.0 75.0 50.0 75.0	65.7 49.0 73.7 68.2 63.8 59.8 87.3	65.2 51.0 75.3 68.8 63.7 60.0 87.4
<u>Shape and</u> 55 56 57 58 59 60 <u>Mental Matt</u> 61 62	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1) 6N5 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio	62.5 62.5 56.3 50.0 75.0 50.0 75.0 75.0 87.5	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
Shape and           55           56           57           58           59           60           Mental Math           61           62           63	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1) 6N5 (L2) 6N4 (L1)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction	62.5 62.5 56.3 50.0 75.0 50.0 75.0 75.0 87.5 50.0	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
Shape and           55           56           57           58           59           60           Mental Math           61           62           63           64	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number	62.5 62.5 56.3 50.0 75.0 50.0 75.0 87.5 50.0 68.8	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
Shape and           55           56           57           58           59           60           Mental Math           61           62           63           64           65	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9	62.5 62.5 56.3 50.0 75.0 50.0 75.0 87.5 50.0 68.8 18.8	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
Shape and           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number	62.5 62.5 56.3 50.0 75.0 50.0 75.0 87.5 50.0 68.8 18.8 81.3	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
<u>Shape and</u> 55 56 57 58 59 60 <u>Mental Matt</u> 61 62 63 64 65 66 66 67	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the quotient for division of decimals by a divisor from 1 to 9	62.5 62.5 56.3 50.0 75.0 50.0 75.0 87.5 50.0 68.8 18.8 81.3 81.3	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

### District 4 - Eastern

School #: 371 Upper Gullies Elementary, Conception Bay South (Upper Gullies)

Grades: K-6

ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=69]	District [N=2,936]	<b>Province</b> [N=4,998]
<u>Number Co</u>	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form	11.9	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	35.8	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	23.9	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	41.0	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	36.6	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	44.0	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	55.2	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	46.3	45.7	46.4
	d Relations	Performant on aquivalant equation for a given equation	60 F	63.3	62.6
49 50	6PR4 (L2) 6PR1 (L2)	Represent an equivalent equation for a given equation Write a mathematical expression for a given situation	60.5	63.3	63.6
51	6PR2 (L2)	Create a table of values for a given situation	23.1	26.7 68.7	30.2
52	6PR2 (L2) 6PR2, 6SP1 (L2)		70.9		70.4
		Graph a table of values using a linear graph	47.0	56.6	59.5
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	38.8 20.2	33.5 35.4	36.3 39.1
Shape and	<u>Space</u> 6SS1 (L2)	Draw an angle of a given measure	43.3	65.7	65.2
56	6SS3 (L2)	Solve measurement problem involving volume	32.8	49.0	51.0
57	6SS3 (L2)	Draw a rectangle for a given area	77.6	73.7	75.3
58	6SS4 (L2)	Draw a specified triangle	61.2	68.2	68.8
59	6SS6 (L2)	Represent the result of combining transformations	33.6	63.8	63.7
60	6SS6 (L2)	Represent the result of combining transformations	41.8	59.8	60.0
<u>Mental Mati</u>	2				
61	6N3 (L1)	Solve a multiplication fact	79.4	87.3	87.4
62	6N5 (L2)	Give an equivalent ratio for a given ratio	66.7	76.4	76.7
62 63	6N5 (L2) 6N4 (L1)	Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction	66.7 63.5	76.4 59.2	76.7 59.7
62 63 64	6N5 (L2) 6N4 (L1) 6N8 (L2)	Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number	66.7 63.5 63.5	76.4 59.2 64.6	76.7 59.7 64.6
62 63 64 65	6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9	66.7 63.5 63.5 39.7	76.4 59.2 64.6 40.1	76.7 59.7 64.6 39.7
62 63 64 65 66	6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number	66.7 63.5 63.5 39.7 66.7	76.4 59.2 64.6 40.1 65.6	76.7 59.7 64.6 39.7 64.6
62 63 64 65 66 67	6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Give an equivalent ratio for a given ratioGive a mixed number for a given improper fractionFind the product of a decimal number and a whole numberSolve a problem for division of decimals by a divisor from 1 to 9Estimate the product of a decimal number by a whole numberEstimate the quotient for division of decimals by a divisor from 1 to 9	66.7 63.5 63.5 39.7 66.7 58.7	76.4 59.2 64.6 40.1 65.6 62.4	76.7 59.7 64.6 39.7 64.6 61.3
62 63 64 65 66 67 68	6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number Estimate the quotient for division of decimals by a divisor from 1 to 9 Apply the order of operations to solve a problem	66.7 63.5 63.5 39.7 66.7 58.7 28.6	76.4 59.2 64.6 40.1 65.6 62.4 32.4	76.7 59.7 64.6 39.7 64.6
62 63 64 65 66 67	6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Give an equivalent ratio for a given ratioGive a mixed number for a given improper fractionFind the product of a decimal number and a whole numberSolve a problem for division of decimals by a divisor from 1 to 9Estimate the product of a decimal number by a whole numberEstimate the quotient for division of decimals by a divisor from 1 to 9	66.7 63.5 63.5 39.7 66.7 58.7	76.4 59.2 64.6 40.1 65.6 62.4	76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

### District 4 - Eastern

School #: 372 St. Bernard's Elementary, Witless Bay

Grades: K-6

Item Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=40]	<b>District</b> [N=2,936]	<b>Provin</b> [N=4,998
lumber Cor	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form	11.3	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	25.0	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	41.3	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	27.5	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	16.3	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	65.0	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	56.3	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	56.3	45.7	46.4
Patterns and	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	46.3	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	17.5	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	72.5	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	50.0	56.6	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	21.3	33.5	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	30.0	35.4	39.1
	Space		67.5	65.7	
hape and S		Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume			65.2
<b>hape and S</b> 55	<b>Space</b> 6SS1 (L2)	Draw an angle of a given measure	67.5	65.7	65.2 51.0
55 56	<u>Space</u> 6SS1 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume	67.5 35.0	65.7 49.0	65.2 51.0 75.3
55 56 57	<u>Space</u> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area	67.5 35.0 63.8	65.7 49.0 73.7	65.2 51.0 75.3 68.8
Shape and S 55 56 57 58	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle	67.5 35.0 63.8 58.8	65.7 49.0 73.7 68.2	65.2 51.0 75.3 68.8 63.7
Shape and S 55 56 57 58 59	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	67.5 35.0 63.8 58.8 63.8	65.7 49.0 73.7 68.2 63.8	65.2 51.0 75.3 68.8 63.7
Shape and S           55           56           57           58           59           60	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	67.5 35.0 63.8 58.8 63.8 58.8 58.8	65.7 49.0 73.7 68.2 63.8 59.8	65.2 51.0 75.3 68.8 63.7 60.0
Shape and S           55           56           57           58           59           60	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)           6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	67.5 35.0 63.8 58.8 63.8 58.8 58.8 89.7	65.7 49.0 73.7 68.2 63.8 59.8 87.3	65.2 51.0 75.3 68.8 63.7 60.0 87.4
Shape and S           55           56           57           58           59           60           Mental Math           61           62	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)           6SS6 (L2)           6SS6 (L2)           6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio	67.5 35.0 63.8 58.8 63.8 58.8 58.8 89.7 66.7	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
Shape and S           55           56           57           58           59           60           Mental Math           61           62           63	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)           6SS6 (L2)           6SS6 (L2)           6SS6 (L2)           6SS6 (L2)           6N3 (L1)           6N5 (L2)           6N4 (L1)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction	67.5 35.0 63.8 58.8 63.8 58.8 89.7 66.7 82.1	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)           6SS6 (L2)           6SS6 (L2)           6SS6 (L2)           6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number	67.5 35.0 63.8 58.8 63.8 58.8 58.8 89.7 66.7 82.1 84.6	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)           6N3 (L1)           6N5 (L2)           6N4 (L1)           6N8 (L2)           6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9	67.5 35.0 63.8 58.8 63.8 58.8 89.7 66.7 82.1 84.6 38.5	65.7 49.0 73.7 68.2 63.8 59.8 87.3 87.3 76.4 59.2 64.6 40.1	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)           6SS6 (L2)           6N3 (L1)           6N5 (L2)           6N4 (L1)           6N8 (L2)           6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number	67.5 35.0 63.8 58.8 63.8 58.8 89.7 66.7 82.1 84.6 38.5 68.0	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66           67	6SS1 (L2)         6SS3 (L2)         6SS3 (L2)         6SS4 (L2)         6SS6 (L2)         6SS6 (L2)         6SS6 (L2)         6N3 (L1)         6N5 (L2)         6N4 (L1)         6N8 (L2)         6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the quotient for division of decimals by a divisor from 1 to 9	67.5 35.0 63.8 58.8 63.8 58.8 58.8 89.7 66.7 82.1 84.6 38.5 68.0 65.4	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3
Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)           6SS6 (L2)           6N3 (L1)           6N5 (L2)           6N4 (L1)           6N8 (L2)           6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number	67.5 35.0 63.8 58.8 63.8 58.8 89.7 66.7 82.1 84.6 38.5 68.0	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

### District 4 - Eastern

School #: 427 Holy Name of Mary Academy, Lawn Grades: K-12

ltem Number	Outcome(s) Cognitive Level	Outcome Description	School [N=3]	<b>District</b> [N=2,936]	<b>Provinc</b> [N=4,998
umber Col	ncepts				
41	6N1 (L1)	Write a given number in written form		33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	School data with 5 or	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	fewer	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	students	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	withheld for	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	reasons of	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	confidentiality	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers		45.7	46.4
atterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation		63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation		26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation		68.7	70.4
	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph		56.6	59.5
52	011(2,0011(22))				-
	,	Write a pattern rule for a given problem		33.5	36.3
52 53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression		33.5 35.4	36.3 39.1
53	6PR3 (L2) 6PR3 (L2)				
53 54 hape and \$ 55 56	6PR3 (L2) 6PR3 (L2) Space	Represent a pattern rule as a mathematical expression		35.4	39.1
53 54 hape and \$ 55 56 57	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure		35.4	39.1 65.2
53 54 hape and \$ 55 56	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume		35.4 65.7 49.0	39.1 65.2 51.0
53 54 hape and \$ 55 56 57	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area		35.4 65.7 49.0 73.7	39.1 65.2 51.0 75.3
53 54 hape and 5 55 56 57 58	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle		35.4 65.7 49.0 73.7 68.2	39.1 65.2 51.0 75.3 68.8
53 54 hape and 3 55 56 57 58 59	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations		35.4 65.7 49.0 73.7 68.2 63.8	39.1 65.2 51.0 75.3 68.8 63.7
53 54 hape and \$ 55 56 57 58 59 60	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations		35.4 65.7 49.0 73.7 68.2 63.8	39.1 65.2 51.0 75.3 68.8 63.7
53 54 hape and 5 55 56 57 58 59 60 ental Math	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations		35.4 65.7 49.0 73.7 68.2 63.8 59.8	39.1 65.2 51.0 75.3 68.8 63.7 60.0
53 54 hape and 3 55 56 57 58 59 60 ental Math 61	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact		35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
53 54 hape and 5 55 56 57 58 59 60 lental Math 61 62	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio		35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
53 54 hape and 5 55 56 57 58 59 60 ental Math 61 62 63	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction		35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7
53 54 hape and 5 55 56 57 58 59 60 ental Math 61 62 63 63 64	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number		35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
53 54 hape and 5 55 56 57 58 59 60 ental Math 61 62 63 64 65	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9		35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7
53 54 hape and 3 55 56 57 58 59 60 ental Math 61 62 63 64 65 66	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5Dace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number		35.4 65.7 49.0 73.7 68.2 63.8 59.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
53 54 hape and S 55 56 57 58 59 60 ental Math 61 62 63 64 65 66 66 67	6PR3 (L2) 6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9		35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

### District 4 - Eastern

School #: 430 St. Mark's School, King's Cove Grades: K-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=11]	<b>District</b> [N=2,936]	<b>Province</b> [N=4,998]
Number Col	ncepts				
11011001 001	100010				
41	6N1 (L1)	Write a given number in written form	90.9	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	90.9	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	86.4	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	90.9	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	68.2	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	59.1	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	72.7	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	90.9	45.7	46.4
<u>Patterns an</u> 49	<u>d Relations</u> 6PR4 (L2)	Represent an equivalent equation for a given equation	100.0	63.3	62.6
49 50	6PR1 (L2)	Write a mathematical expression for a given situation	100.0	63.3 26.7	63.6 30.2
51	6PR2 (L2)	Create a table of values for a given situation	100.0	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	90.9		59.5
52	,	Write a pattern rule for a given problem		56.6	
F 2			95.5	33.5	36.3
53 54	6PR3 (L2) 6PR3 (L2)	Represent a pattern rule as a mathematical expression	90.9	35.4	39.1
1	6PR3 (L2)				39.1 65.2
54 Shape and S	6PR3 (L2)	Represent a pattern rule as a mathematical expression	90.9	35.4	
54 <b>Shape and S</b> 55	6PR3 (L2) Space 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	90.9 90.9	35.4 65.7	65.2
54 <i>Shape and S</i> 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	90.9 90.9 81.8	35.4 65.7 49.0	65.2 51.0
54 Shape and 3 55 56 57	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	90.9 90.9 81.8 90.9	35.4 65.7 49.0 73.7	65.2 51.0 75.3
54 <b>Shape and S</b> 55 56 57 58	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	90.9 90.9 81.8 90.9 90.9 90.9	35.4 65.7 49.0 73.7 68.2	65.2 51.0 75.3 68.8
54 <b>Shape and S</b> 55 56 57 58 59	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	90.9 90.9 81.8 90.9 90.9 90.9 95.5	35.4 65.7 49.0 73.7 68.2 63.8	65.2 51.0 75.3 68.8 63.7
54           Shape and S           55           56           57           58           59           60	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	90.9 90.9 81.8 90.9 90.9 90.9 95.5	35.4 65.7 49.0 73.7 68.2 63.8	65.2 51.0 75.3 68.8 63.7
54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b>	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	90.9 90.9 81.8 90.9 90.9 95.5 95.5	35.4 65.7 49.0 73.7 68.2 63.8 59.8	65.2 51.0 75.3 68.8 63.7 60.0
54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b> 61	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	90.9 90.9 81.8 90.9 90.9 95.5 95.5 95.5	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3	65.2 51.0 75.3 68.8 63.7 60.0 87.4
54           Shape and S           55           56           57           58           59           60           Mental Math           61           62	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	90.9 90.9 81.8 90.9 90.9 95.5 95.5 95.5 100.0 90.9	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	90.9 90.9 81.8 90.9 90.9 95.5 95.5 95.5 95.5 100.0 90.9 81.8	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
54           Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	90.9 90.9 81.8 90.9 90.9 95.5 95.5 95.5 95.5 100.0 90.9 81.8 100.0	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
54           Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	90.9 90.9 81.8 90.9 90.9 95.5 95.5 95.5 95.5 100.0 90.9 81.8 100.0 90.9	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
54           Shape and 3           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	90.9 90.9 81.8 90.9 90.9 95.5 95.5 95.5 95.5 100.0 90.9 81.8 100.0 90.9 68.2	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
54           Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66           67	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	90.9 90.9 81.8 90.9 90.9 95.5 95.5 95.5 95.5 95.5 81.8 100.0 90.9 81.8 100.0 90.9 68.2 63.6	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6         62.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

### District 4 - Eastern

School #: 431 Southwest Arm Academy, Little Heart's Ease

Grades: K-12

ltem lumber	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=6]	<b>District</b> [N=2,936]	<b>Proving</b> [N=4,998
umber Co	ncepts				
41	6N1 (L1)	Write a given number in written form	91.7	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	100.0	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	83.3	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	83.3	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	83.3	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	75.0	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	100.0	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	91.7	45.7	46.4
	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	100.0	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	100.0	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	100.0	68.7	70.4
	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	100.0	56.6	59.5
52					
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	60.0 100.0	33.5 35.4	36.3 39.1
53 54	6PR3 (L2) 6PR3 (L2) Space	Represent a pattern rule as a mathematical expression	100.0	35.4	39.1
53 54 hape and 5	6PR3 (L2) 6PR3 (L2) Space 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	100.0	35.4 65.7	39.1 65.2
53 54 hape and 3 55 56	6PR3 (L2) 6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	100.0 70.0 90.0	35.4 65.7 49.0	39.1 65.2 51.0
53 54 hape and 5 55 56 57	6PR3 (L2) 6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	100.0 70.0 90.0 90.0	35.4 65.7 49.0 73.7	39.1 65.2 51.0 75.3
53 54 hape and 5 55 56 57 58	6PR3 (L2) 6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	100.0 70.0 90.0 90.0 100.0	35.4 65.7 49.0 73.7 68.2	39.1 65.2 51.0 75.3 68.8
53 54 hape and 5 55 56 57	6PR3 (L2) 6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	100.0 70.0 90.0 90.0	35.4 65.7 49.0 73.7	39.1 65.2 51.0 75.3 68.8 63.7
53 54 hape and 3 55 56 57 58 59	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	100.0 70.0 90.0 90.0 100.0 80.0	35.4 65.7 49.0 73.7 68.2 63.8	39.1 65.2 51.0 75.3 68.8 63.7
53 54 hape and 5 55 56 57 58 59 60	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	100.0 70.0 90.0 90.0 100.0 80.0	35.4 65.7 49.0 73.7 68.2 63.8	39.1 65.2 51.0 75.3 68.8 63.7 60.0
53 54 hape and 5 55 56 57 58 59 60 ental Math	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	100.0 70.0 90.0 90.0 100.0 80.0 90.0	35.4 65.7 49.0 73.7 68.2 63.8 59.8	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
53 54 hape and s 55 56 57 58 59 60 ental Math 61	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	100.0 70.0 90.0 90.0 100.0 80.0 90.0	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
53 54 hape and 5 55 56 57 58 59 60 ental Math 61 62	6PR3 (L2) 6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	100.0 70.0 90.0 90.0 100.0 90.0 90.0 100.0	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
53 54 hape and 5 55 56 57 58 59 60 ental Math 61 62 63	6PR3 (L2) 6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	100.0 70.0 90.0 100.0 80.0 90.0 100.0 100.0 100.0	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
53 54 hape and 5 55 56 57 58 59 60 ental Math 61 62 63 63 64	6PR3 (L2) 6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	100.0 70.0 90.0 90.0 100.0 80.0 90.0 90.0 100.0 100.0 100.0 100.0	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
53 54 hape and 5 55 56 57 58 59 60 ental Math 61 62 63 63 64 65	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	100.0 70.0 90.0 90.0 100.0 80.0 90.0 90.0 100.0 100.0 100.0 100.0 100.0	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	1
53 54 hape and 5 55 56 57 58 59 60 ental Math 61 62 63 64 65 66	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	100.0 70.0 90.0 90.0 100.0 80.0 90.0 90.0 90.0 100.0 100.0 100.0 100.0 100.0	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
53 54 hape and 5 55 56 57 58 59 60 ental Math 61 62 63 64 65 66 66 67	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	100.0 70.0 90.0 90.0 100.0 80.0 90.0 90.0 90.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 39.7

O:\CRT12\MATH\_6\WEB\MT12\_6WR\_W.RPT

Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 433 Tricon Elementary, Bay de Verde

Grades: K-6

ltem Number	Outcome(s) Cognitive Level	Outcome Description	School [N=17]	<b>District</b> [N=2,936]	<b>Provin</b> [N=4,99
lumber Col	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form	23.5	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	64.7	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	38.2	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	79.4	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	32.4	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	41.2	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	67.7	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	64.7	45.7	46.4
Patterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	64.7	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	35.3	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	67.7	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	70.6	56.6	59.5
	,	Write a pattern rule for a given problem	64.7	33.5	36.3
53	6PR3 (12)				
53 54	6PR3 (L2) 6PR3 (L2)	Represent a pattern rule as a mathematical expression	47.1	35.4	39.1
54 Shape and S	6PR3 (L2)	Represent a pattern rule as a mathematical expression	47.1	35.4	39.1
54 <b>hape and S</b> 55	6PR3 (L2) Space 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	47.1 64.7	35.4 65.7	39.1 65.2
54 hape and 5 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	47.1 64.7 73.5	35.4 65.7 49.0	39.1 65.2 51.0
54 hape and \$ 55	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	47.1 64.7 73.5 76.5	35.4 65.7 49.0 73.7	39.1 65.2 51.0 75.3
54 hape and 5 55 56 57	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	47.1 64.7 73.5 76.5 94.1	35.4 65.7 49.0 73.7 68.2	39.1 65.2 51.0 75.3 68.8
54 hape and 5 55 56 57 58	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	47.1 64.7 73.5 76.5	35.4 65.7 49.0 73.7	39.1 65.2 51.0 75.3 68.8 63.7
54 Shape and S 55 56 57 58 59	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	47.1 64.7 73.5 76.5 94.1 88.2	35.4           65.7           49.0           73.7           68.2           63.8	39.1 65.2 51.0 75.3 68.8 63.7
54 55 56 57 58 59 60 Mental Math	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	47.1 64.7 73.5 76.5 94.1 88.2 67.7	35.4 65.7 49.0 73.7 68.2 63.8 59.8	39.1 65.2 51.0 75.3 68.8 63.7 60.0
54 hape and \$ 55 56 57 58 59 60	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	47.1 64.7 73.5 76.5 94.1 88.2	35.4           65.7           49.0           73.7           68.2           63.8	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 hape and \$ 55 56 57 58 59 60 fental Math 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	47.1 64.7 73.5 76.5 94.1 88.2 67.7 94.1	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54 55 56 57 58 59 60 Mental Math 61 62	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	47.1 64.7 73.5 76.5 94.1 88.2 67.7 94.1 76.5	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
54 hape and \$ 55 56 57 58 59 60 Mental Math 61 62 63	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	47.1 64.7 73.5 76.5 94.1 88.2 67.7 94.1 76.5 64.7	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
54 hape and 3 55 56 57 58 59 60 Mental Math 61 62 63 64	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	47.1 64.7 73.5 76.5 94.1 88.2 67.7 94.1 76.5 64.7 67.7	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
54 <i>hape and</i> 3 55 56 57 58 59 60 <i>fental Math</i> 61 62 63 64 65	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	47.1 64.7 73.5 76.5 94.1 88.2 67.7 94.1 76.5 64.7 67.7 58.8 58.8	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
54 hape and S 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 67	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	47.1 64.7 73.5 76.5 94.1 88.2 67.7 94.1 76.5 64.7 67.7 58.8 58.8 58.8 50.0	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6         62.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 39.7 64.6 61.3
54 hape and 3 55 56 57 58 59 60 hental Math 61 62 63 64 65 66	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	47.1 64.7 73.5 76.5 94.1 88.2 67.7 94.1 76.5 64.7 67.7 58.8 58.8	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6	

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 435 St. Anne's Academy, Dunville Grades: K-6

Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=45]	<b>District</b> [N=2,936]	<b>Proving</b> [N=4,998
lumber Col	ncepts				
41	6N1 (L1)	Write a given number in written form	38.6	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	52.3	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	43.2	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	71.6	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	31.8	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	72.7	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	75.0	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	46.6	45.7	46.4
Patterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	73.9	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	34.1	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	86.4	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	68.2	56.6	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	39.8	33.5	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	63.6	35.4	39.1
<b>hape and s</b> 55	<u>Space</u> 6SS1 (L2)	Draw an angle of a given measure	78.4	65.7	65.2
		Draw an angle of a given measure Solve measurement problem involving volume	78.4	65.7 49.0	
55	6SS1 (L2)			_	51.0
55 56	6SS1 (L2) 6SS3 (L2)	Solve measurement problem involving volume	62.5	49.0	51.0 75.3
56 57	6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area	62.5 73.9	49.0 73.7	51.0 75.3 68.8
55 56 57 58	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle	62.5 73.9 81.8	49.0 73.7 68.2	51.0 75.3 68.8 63.7
55 56 57 58 59 60	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	62.5 73.9 81.8 85.2	49.0 73.7 68.2 63.8	51.0 75.3 68.8 63.7
55 56 57 58 59	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	62.5 73.9 81.8 85.2	49.0 73.7 68.2 63.8	51.0 75.3 68.8 63.7
55 56 57 58 59 60 <i>Mental Math</i>	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	62.5 73.9 81.8 85.2 71.6 97.8	49.0 73.7 68.2 63.8 59.8 87.3	51.0 75.3 68.8 63.7 60.0 87.4
55 56 57 58 59 60 Mental Math 61 62	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio	62.5 73.9 81.8 85.2 71.6 97.8 95.6	49.0 73.7 68.2 63.8 59.8 87.3 76.4	51.0 75.3 68.8 63.7 60.0 87.4 76.7
55 56 57 58 59 60 <b>Iental Math</b> 61 62 63	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction	62.5 73.9 81.8 85.2 71.6 97.8 95.6 66.7	49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	62.5 73.9 81.8 85.2 71.6 97.8 95.6 66.7 72.2	49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64 65	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	62.5 73.9 81.8 85.2 71.6 97.8 95.6 66.7 72.2 56.7	49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64 65 66	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	62.5 73.9 81.8 85.2 71.6 97.8 95.6 66.7 72.2 56.7 65.6	49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
55 56 57 58 59 60 <b>Aental Math</b> 61 62 63 64 65 66 66 67	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	62.5 73.9 81.8 85.2 71.6 97.8 95.6 66.7 72.2 56.7 65.6 64.4	49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4	59.7 64.6 39.7 64.6 61.3
55 56 57 58 59 60 60 <b>Mental Math</b> 61 62 63 64 65 66 66 67 68	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N8 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9         Apply the order of operations to solve a problem	62.5 73.9 81.8 85.2 71.6 97.8 95.6 66.7 72.2 56.7 65.6 64.4 54.4	49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4 32.4	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3 33.5
55 56 57 58 59 60 <b>Aental Math</b> 61 62 63 64 65 66 66 67	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	62.5 73.9 81.8 85.2 71.6 97.8 95.6 66.7 72.2 56.7 65.6 64.4	49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 438 Epiphany Elementary, Heart's Delight

Grades: K-6

ltem Number	Outcome(s) Cognitive Level	Outcome Description	School [N=11]	<b>District</b> [N=2,936]	<b>Provinc</b> [N=4,998
umber Col	ncepts				
41	6N1 (L1)	Write a given number in written form	0.0	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	18.2	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	36.4	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	31.8	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	31.8	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	63.6	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	31.8	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	22.7	45.7	46.4
atterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	88.9	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	11.1	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	61.1	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	66.7	56.6	59.5
					00.0
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	27.8 22.2	33.5 35.4	36.3 39.1
54 hape and S	6PR3 (L2) Space	Represent a pattern rule as a mathematical expression	22.2	35.4	39.1
54 hape and \$ 55	6PR3 (L2) Space 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	22.2 27.8	35.4 65.7	39.1 65.2
54 hape and \$ 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	22.2 27.8 38.9	35.4 65.7 49.0	39.1 65.2 51.0
54 hape and \$ 55 56 57	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	22.2 27.8 38.9 61.1	65.7 49.0 73.7	39.1 65.2 51.0 75.3
54 hape and \$ 55 56 57 58	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	22.2 27.8 38.9 61.1 55.6	35.4 65.7 49.0 73.7 68.2	39.1 65.2 51.0 75.3 68.8
54 hape and \$ 55 56 57 58 59	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	22.2 27.8 38.9 61.1 55.6 44.4	35.4           65.7           49.0           73.7           68.2           63.8	39.1 65.2 51.0 75.3 68.8 63.7
54 hape and \$ 55 56 57 58 59 60	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	22.2 27.8 38.9 61.1 55.6	35.4 65.7 49.0 73.7 68.2	39.1 65.2 51.0 75.3 68.8 63.7
54 hape and \$ 55 56 57 58 59 60	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	22.2 27.8 38.9 61.1 55.6 44.4	35.4           65.7           49.0           73.7           68.2           63.8	39.1 65.2 51.0
54 hape and \$ 55 56 57 58 59 60 ental Math	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	22.2 27.8 38.9 61.1 55.6 44.4 50.0	35.4         65.7         49.0         73.7         68.2         63.8         59.8	39.1 65.2 51.0 75.3 68.8 63.7 60.0
54 hape and \$ 55 56 57 58 59 60 ental Math 61	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	22.2 27.8 38.9 61.1 55.6 44.4 50.0	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 hape and \$ 55 56 57 58 59 60 ental Math 61 62	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	22.2 27.8 38.9 61.1 55.6 44.4 50.0 100.0 72.7	35.4 65.7 49.0 73.7 68.2 63.8 59.8 59.8 87.3 76.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54 hape and \$ 55 56 57 58 59 60 60 <u>ental Math</u> 61 62 63	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	22.2 27.8 38.9 61.1 55.6 44.4 50.0 100.0 72.7 54.6	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7
54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63 63 64	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	22.2 27.8 38.9 61.1 55.6 44.4 50.0 100.0 72.7 54.6 45.5	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63 64 65	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	22.2 27.8 38.9 61.1 55.6 44.4 50.0 100.0 72.7 54.6 45.5 54.6	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6
54 hape and \$ 55 56 57 58 59 60 (ental Math 61 62 63 64 65 66	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	22.2 27.8 38.9 61.1 55.6 44.4 50.0 100.0 72.7 54.6 45.5 54.6 45.5	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63 64 65 66 67	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	22.2 27.8 38.9 61.1 55.6 44.4 50.0 100.0 72.7 54.6 45.5 54.6 45.5 54.6 45.5 45.5	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6         62.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

District 4 - Eastern

## School #: 442 Persalvic Elementary, Victoria

Grades: K-9

ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=22]	<b>District</b> [N=2,936]	<b>Province</b> [N=4,998]
Number Col	ncepts				
<u>Mumber oo</u>					
41	6N1 (L1)	Write a given number in written form	22.7	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	72.7	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	22.7	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	88.6	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	38.6	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	47.7	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	75.0	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	54.6	45.7	46.4
<u>Patterns an</u> 49	<u>d Relations</u> 6PR4 (L2)	Represent an equivalent equation for a given equation	85.7	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given equation	28.6	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	88.1	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	83.3	56.6	59.5
	011(2,0011(22)			33.5	36.3
	6DD2 (1 2)	Write a pattern rule for a given problem			
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem           Represent a pattern rule as a mathematical expression	40.5 85.7	35.4	39.1
53	6PR3 (L2)				
53 54 Shape and S	6PR3 (L2)	Represent a pattern rule as a mathematical expression	85.7	35.4	39.1
53 54 <b>Shape and S</b> 55	6PR3 (L2) Space 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	85.7	35.4 65.7	39.1 65.2
53 54 <b>Shape and S</b> 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	85.7 76.2 61.9	35.4 65.7 49.0	39.1 65.2 51.0
53 54 <b>Shape and S</b> 55 56 57	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	85.7 76.2 61.9 92.9	65.7 49.0 73.7	39.1 65.2 51.0 75.3
53 54 <b>Shape and S</b> 55 56 57 58	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	85.7 76.2 61.9 92.9 73.8	35.4 65.7 49.0 73.7 68.2	39.1 65.2 51.0 75.3 68.8
53 54 <b>Shape and S</b> 55 56 57 58 59	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	85.7 76.2 61.9 92.9 73.8 81.0	35.4           65.7           49.0           73.7           68.2           63.8	39.1 65.2 51.0 75.3 68.8 63.7
53 54 <b>Shape and S</b> 55 56 57 58 59 60	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	85.7 76.2 61.9 92.9 73.8 81.0	35.4           65.7           49.0           73.7           68.2           63.8	39.1 65.2 51.0 75.3 68.8 63.7
53 54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b>	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	85.7 76.2 61.9 92.9 73.8 81.0 83.3	35.4         65.7         49.0         73.7         68.2         63.8         59.8	39.1 65.2 51.0 75.3 68.8 63.7 60.0
53 54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b> 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	85.7 76.2 61.9 92.9 73.8 81.0 83.3 55.6	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
53 54 <u>Shape and S</u> 55 56 57 58 59 60 <u>Mental Math</u> 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	85.7 76.2 61.9 92.9 73.8 81.0 83.3 55.6 58.3	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
53 54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	85.7 76.2 61.9 92.9 73.8 81.0 83.3 55.6 58.3 66.7	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
53 54 <u>Shape and S</u> 55 56 57 58 59 60 <u>Mental Math</u> 61 62 63 63 64	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	85.7 76.2 61.9 92.9 73.8 81.0 83.3 55.6 58.3 66.7 50.0	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
53 54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	85.7 76.2 61.9 92.9 73.8 81.0 83.3 55.6 58.3 66.7 50.0 33.3	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
53 54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	85.7 76.2 61.9 92.9 73.8 81.0 83.3 55.6 58.3 66.7 50.0 33.3 47.2	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
53 54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 64 65 66 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	85.7 76.2 61.9 92.9 73.8 81.0 83.3 55.6 58.3 66.7 50.0 33.3 47.2 44.4	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6         62.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

District 4 - Eastern

## School #: 444 Cabot Academy, Western Bay

Grades: K-6

ltem Number	Outcome(s) Cognitive Level	Outcome Description	School [N=22]	<b>District</b> [N=2,936]	<b>Provine</b> [N=4,998
lumber Col	ncepts				
41	6N1 (L1)	Write a given number in written form	9.5	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	35.7	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	45.2	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	28.6	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	19.1	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	31.0	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	61.9	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	35.7	45.7	46.4
<b>P<u>atterns an</u></b> 49	<u>d Relations</u> 6PR4 (L2)	Represent an equivalent equation for a given equation	57.1	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	31.0	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	69.1	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	69.1	56.6	59.5
	,				1
	6PR3 (L2)	Write a pattern rule for a given problem	26.2	33.5	
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	<u>26.2</u> 16.7	<u>33.5</u> <u>35.4</u>	
53 54 hape and \$	6PR3 (L2) Space	Represent a pattern rule as a mathematical expression	16.7	35.4	39.1
53 54 hape and 5 55	6PR3 (L2) Space 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	16.7 85.0	35.4 65.7	39.1 65.2
53 54 hape and \$ 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	16.7 85.0 62.5	35.4 65.7 49.0	39.1 65.2 51.0
53 54 hape and \$ 55 56 57	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	16.7 85.0 62.5 92.5	35.4 65.7 49.0 73.7	39.1 65.2 51.0 75.3
53 54 hape and 5 55 56 57 58	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	16.7 85.0 62.5 92.5 95.0	35.4 65.7 49.0 73.7 68.2	39.1 65.2 51.0 75.3 68.8
53 54 hape and \$ 55 56 57	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	16.7 85.0 62.5 92.5	35.4 65.7 49.0 73.7	39.1 65.2 51.0 75.3 68.8 63.7
53 54 hape and 3 55 56 57 58 59	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	16.7 85.0 62.5 92.5 95.0 60.0	35.4 65.7 49.0 73.7 68.2 63.8	39.1 65.2 51.0 75.3 68.8 63.7
53 54 hape and 3 55 56 57 58 59 60 ental Math 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	16.7 85.0 62.5 92.5 95.0 60.0 52.5 85.7	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
53 54 hape and 5 55 56 57 58 59 60 ental Math 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	16.7 85.0 62.5 92.5 95.0 60.0 52.5 85.7 71.4	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
53 54 hape and 5 55 56 57 58 59 60 ental Math 61 62 63	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	16.7 85.0 62.5 92.5 95.0 60.0 52.5 85.7 71.4 38.1	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7
53 54 hape and 5 55 56 57 58 59 60 ental Math 61 62 63 63 64	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	16.7         85.0         62.5         92.5         95.0         60.0         52.5         85.7         71.4         38.1         42.9	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
53 54 hape and 5 55 56 57 58 59 60 ental Math 61 62 63 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	16.7         85.0         62.5         92.5         95.0         60.0         52.5         85.7         71.4         38.1         42.9         42.9	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
53 54 hape and 5 55 56 57 58 59 60 60 ental Math 61 62 63 63 64	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	16.7         85.0         62.5         92.5         95.0         60.0         52.5         85.7         71.4         38.1         42.9	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
53 54 hape and 5 55 56 57 58 59 60 ental Math 61 62 63 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	16.7         85.0         62.5         92.5         95.0         60.0         52.5         85.7         71.4         38.1         42.9         42.9	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	36.3 39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 39.7 64.6 61.3
53 54 hape and 3 55 56 57 58 59 60 lental Math 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	16.7 85.0 62.5 92.5 95.0 60.0 52.5 85.7 71.4 38.1 42.9 42.9 35.7	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
53 54 hape and S 55 56 57 58 59 60 ental Math 61 62 63 64 65 66 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	16.7 85.0 62.5 92.5 95.0 60.0 52.5 85.7 71.4 38.1 42.9 42.9 35.7 31.0	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

District 4 - Eastern

## School #: 446 Whitbourne Elementary, Whitbourne

Grades: K-6

Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=13]	<b>District</b> [N=2,936]	<b>Provinc</b> [N=4,998
lumber Co	ncepts				
41	6N1 (L1)	Write a given number in written form	50.0	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	53.9	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	50.0	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	69.2	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	53.9	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	26.9	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	61.5	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	53.9	45.7	46.4
Patterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	34.6	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	38.5	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	65.4	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	46.2	56.6	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	38.5	33.5	36.3
		· · · · · · · · · · · · · · · · · · ·			
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	26.9	35.4	39.1
		Represent a pattern rule as a mathematical expression Draw an angle of a given measure	26.9	65.7	<u>39.1</u> 65.2
hape and s	Space				
<b>hape and</b>	Space 6SS1 (L2)	Draw an angle of a given measure	50.0	65.7	65.2 51.0
55 56	<u>Space</u> 6SS1 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume	50.0 34.6	65.7 49.0	65.2 51.0 75.3
hape and 5 55 56 57	<u>Space</u> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area	50.0 34.6 57.7	65.7 49.0 73.7	65.2 51.0 75.3 68.8
hape and 55 55 56 57 58	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle	50.0 34.6 57.7 53.9	65.7 49.0 73.7 68.2	65.2 51.0 75.3 68.8 63.7
55 56 57 58 59 60	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	50.0 34.6 57.7 53.9 69.2	65.7 49.0 73.7 68.2 63.8	65.2 51.0 75.3 68.8 63.7
thape and 55 56 57 58 59 60	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	50.0 34.6 57.7 53.9 69.2 38.5	65.7 49.0 73.7 68.2 63.8 59.8	65.2 51.0 75.3 68.8 63.7
55         56         57         58         59         60         Mental Math         61	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	50.0 34.6 57.7 53.9 69.2 38.5	65.7 49.0 73.7 68.2 63.8 59.8 87.3	65.2 51.0 75.3 68.8 63.7 60.0 87.4
55 56 57 58 59 60 <b>Iental Math</b> 61 62	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1) 6N5 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio	50.0 34.6 57.7 53.9 69.2 38.5 100.0 75.0	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
55         56         57         58         59         60         Mental Math         61         62         63	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1) 6N5 (L2) 6N4 (L1)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction	50.0 34.6 57.7 53.9 69.2 38.5 100.0 75.0 66.7	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
hape and 3 55 56 57 58 59 60 Mental Math 61 62 63 63 64	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number	50.0 34.6 57.7 53.9 69.2 38.5 100.0 75.0 66.7 91.7	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
Shape and 3         55         56         57         58         59         60         Mental Math         61         62         63         64         65	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9	50.0 34.6 57.7 53.9 69.2 38.5 100.0 75.0 66.7 91.7 58.3	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
Shape and 3         55         56         57         58         59         60         Mental Math         61         62         63         64         65         66	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number	50.0 34.6 57.7 53.9 69.2 38.5 100.0 75.0 66.7 91.7 58.3 75.0	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
55         56         57         58         59         60         Mental Math         61         62         63         64         65         66         67	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the quotient for division of decimals by a divisor from 1 to 9	50.0 34.6 57.7 53.9 69.2 38.5 100.0 75.0 66.7 91.7 58.3 75.0 70.8	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3
Shape and S         55         56         57         58         59         60         Mental Math         61         62         63         64         65         66         67         68	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give an equivalent ratio for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number Estimate the quotient for division of decimals by a divisor from 1 to 9 Apply the order of operations to solve a problem	50.0 34.6 57.7 53.9 69.2 38.5 100.0 75.0 66.7 91.7 58.3 75.0 70.8 66.7	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4 32.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3 33.5
55         56         57         58         59         60         Mental Math         61         62         63         64         65         66         67	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the quotient for division of decimals by a divisor from 1 to 9	50.0 34.6 57.7 53.9 69.2 38.5 100.0 75.0 66.7 91.7 58.3 75.0 70.8	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

District 4 - Eastern

## School #: 447 Baltimore School Complex, Ferryland

Grades: K-12

ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=19]	<b>District</b> [N=2,936]	<b>Provin</b> [N=4,99
lumber Col	ncepts				
41	6N1 (L1)	Write a given number in written form	76.3	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	86.8	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	47.4	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	68.4	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	60.5	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	50.0	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	76.3	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	63.2	45.7	46.4
49	<u>d Relations</u> 6PR4 (L2)	Represent an equivalent equation for a given equation	94.1	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	44.1	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	82.4	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	79.4	56.6	59.5
-					200
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	<u>67.7</u> 47.1	33.5 35.4	36.3 39.1
53 54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	47.1	35.4	39.1
53 54 hape and 5 55	6PR3 (L2) Space 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	47.1 83.3	35.4 65.7	39.1 65.2
53 54 hape and \$ 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	47.1 83.3 75.0	35.4 65.7 49.0	39.1 65.2 51.0
53 54 hape and \$ 55 56 57	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	47.1 83.3 75.0 97.2	35.4 65.7 49.0 73.7	39.1 65.2 51.0 75.3
53 54 hape and 5 55 56 57 58	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	47.1 83.3 75.0 97.2 75.0	35.4 65.7 49.0 73.7 68.2	39. <sup>-</sup> 65.2 51.0 75.3 68.8
53 54 hape and 5 55 56 57 58 59	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	47.1 83.3 75.0 97.2 75.0 94.4	35.4 65.7 49.0 73.7 68.2 63.8	39.1 65.2 51.0 75.3 68.8 63.7
53 54 54 55 55 56 57 58 59 60	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	47.1 83.3 75.0 97.2 75.0	35.4 65.7 49.0 73.7 68.2	39.1 65.2 51.0 75.3 68.8
53 54 hape and 5 55 56 57 58 59 60 Mental Math	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	47.1 83.3 75.0 97.2 75.0 94.4 91.7	35.4 65.7 49.0 73.7 68.2 63.8 59.8	39.1 65.2 51.0 75.3 68.8 63.7 60.0
53 54 hape and 5 55 56 57 58 59 60 Mental Math 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	47.1 83.3 75.0 97.2 75.0 94.4 91.7 100.0	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3	65.2 51.0 75.3 68.8 63.7 60.0
53 54 hape and 5 55 56 57 58 59 60 Mental Math 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	47.1 83.3 75.0 97.2 75.0 94.4 91.7 100.0 89.5	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
53 54 hape and 5 55 56 57 58 59 60 Mental Math 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	47.1 83.3 75.0 97.2 75.0 94.4 91.7 100.0 89.5 89.5	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
53 54 hape and 5 55 56 57 58 59 60 hental Math 61 62 63	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	47.1 83.3 75.0 97.2 75.0 94.4 91.7 100.0 89.5 89.5 89.5	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
53 54 hape and 5 55 56 57 58 59 60 Mental Math 61 62 63 63 64	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	47.1 83.3 75.0 97.2 75.0 94.4 91.7 100.0 89.5 89.5	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
53 54 hape and 5 55 56 57 58 59 60 Mental Math 61 62 63 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	47.1 83.3 75.0 97.2 75.0 94.4 91.7 100.0 89.5 89.5 89.5 89.5 42.1 79.0	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
53 54 hape and 5 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	47.1 83.3 75.0 97.2 75.0 94.4 91.7 100.0 89.5 89.5 89.5 89.5 42.1 79.0 81.6	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6         62.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3
53 54 55 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	47.1 83.3 75.0 97.2 75.0 94.4 91.7 100.0 89.5 89.5 89.5 89.5 42.1 79.0	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

### District 4 - Eastern

School #: 468 Hazelwood Elementary, St. John's Grades: K-6

	Outcome(s) Cognitive Level	Outcome Description	School [N=64]	<b>District</b> [N=2,936]	<b>Provin</b> [N=4,99
lumber Cor	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form	41.1	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	31.3	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	37.5	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	29.5	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	25.9	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	37.5	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	47.3	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	32.1	45.7	46.4
	d Relations	Depresent on equivelent equation for a given equation	40.4	<b>62.2</b>	
49 50	6PR4 (L2) 6PR1 (L2)	Represent an equivalent equation for a given equation	42.1	63.3	63.6
50	6PR2 (L2)	Write a mathematical expression for a given situation	4.4	26.7	30.2
		Create a table of values for a given situation	52.6	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	37.7	56.6	59.5
53	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	11.4 14.9	33.5 35.4	36.3 39.1
54					
hape and S	Space				
		Draw an angle of a given measure Solve measurement problem involving volume	61.9 38.1	65.7 49.0	65.2
<b>hape and \$</b> 55	Space 6SS1 (L2)	Draw an angle of a given measure	61.9	65.7	65.2 51.0
<b>hape and \$</b> 55 56	Space 6SS1 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume	61.9 38.1	65.7 49.0	65.2 51.0 75.3
55 56 57	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area	61.9 38.1 54.2	65.7 49.0 73.7	65.2 51.0 75.3 68.8
hape and \$ 55 56 57 58	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle	61.9 38.1 54.2 62.7	65.7 49.0 73.7 68.2	65.2 51.0 75.3 68.8 63.7
hape and \$ 55 56 57 58 59	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	61.9 38.1 54.2 62.7 55.1	65.7 49.0 73.7 68.2 63.8	65.2 51.0 75.3 68.8 63.7
hape and \$ 55 56 57 58 59 60 1ental Math	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	61.9 38.1 54.2 62.7 55.1 48.3	65.7 49.0 73.7 68.2 63.8 59.8	65.2 51.0 75.3 68.8 63.7 60.0
hape and \$ 55 56 57 58 59 60 lental Math	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	61.9 38.1 54.2 62.7 55.1 48.3 94.3	65.7 49.0 73.7 68.2 63.8 59.8 87.3	65.2 51.0 75.3 68.8 63.7 60.0 87.4
55         56         57         58         59         60         Mental Math         61         62	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)           6SS6 (L2)           6SS6 (L2)           6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio	61.9 38.1 54.2 62.7 55.1 48.3 94.3 54.7	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
hape and \$ 55 56 57 58 59 60 Mental Math 61 62 63	Space         6SS1 (L2)         6SS3 (L2)         6SS3 (L2)         6SS4 (L2)         6SS4 (L2)         6SS6 (L2)         6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction	61.9 38.1 54.2 62.7 55.1 48.3 94.3 54.7 54.7	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
hape and \$ 55 56 57 58 59 60  Mental Math 61 62 63 64	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)           6SS6 (L2)           6N3 (L1)           6N4 (L1)           6N8 (L2)	Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	61.9 38.1 54.2 62.7 55.1 48.3 94.3 54.7 54.7 64.2	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
hape and \$ 55 56 57 58 59 60  Mental Math 61 62 63 64 65	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	61.9 38.1 54.2 62.7 55.1 48.3 94.3 54.7 54.7 64.2 32.1	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
hape and \$ 55 56 57 58 59 60 60 61 61 62 63 64 65 66	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	61.9 38.1 54.2 62.7 55.1 48.3 94.3 54.7 54.7 64.2 32.1 58.5	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
hape and \$ 55 56 57 58 59 60  Mental Math 61 62 63 64 65 66 67	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	61.9 38.1 54.2 62.7 55.1 48.3 94.3 54.7 54.7 64.2 32.1 58.5 64.2	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3
hape and \$ 55 56 57 58 59 60 60 61 61 62 63 64 65 66	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	61.9 38.1 54.2 62.7 55.1 48.3 94.3 54.7 54.7 64.2 32.1 58.5	65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3 33.5 73.4

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

### District 4 - Eastern

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School #: 473 Cape St. Francis Elementary, Pouch Cove Grades: K-6

Item Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=27]	District [N=2,936]	<b>Province</b> [N=4,998]
Number Co	icepts				
<u></u>					
41	6N1 (L1)	Write a given number in written form	75.0	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	50.0	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	46.2	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	48.1	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	34.6	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	46.2	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	59.6	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	42.3	45.7	46.4
Patterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	50.0	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	33.3	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	87.0	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	66.7	56.6	59.5
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	53.7 44.4	33.5 35.4	36.3 39.1
<u>Shape and S</u> 55	Space 6SS1 (L2)	Draw an angle of a given measure	77.8	65.7	65.2
56	6SS3 (L2)	Solve measurement problem involving volume	42.6	49.0	51.0
57	6SS3 (L2)	Draw a rectangle for a given area	72.2	73.7	75.3
58	6SS4 (L2)	Draw a specified triangle	61.1	68.2	68.8
59	6SS6 (L2)	Represent the result of combining transformations	61.1	63.8	63.7
60	6SS6 (L2)	Represent the result of combining transformations	68.5	59.8	60.0
<u>Mental Math</u>	1				
61	6N3 (L1)	Solve a multiplication fact	85.2	87.3	87.4
62	6N5 (L2)	Give an equivalent ratio for a given ratio	66.7	76.4	76.7
63	6N4 (L1)	Give a mixed number for a given improper fraction	77.8	59.2	59.7
64	6N8 (L2)	Find the product of a decimal number and a whole number	66.7	64.6	64.6
65	6N8 (L2)	Solve a problem for division of decimals by a divisor from 1 to 9	40.7	40.1	39.7
66	6N8 (L2)	Estimate the product of a decimal number by a whole number	81.5	65.6	64.6
67	6N8 (L2)	Estimate the quotient for division of decimals by a divisor from 1 to 9	72.2	62.4	61.3
68	6N9 (L1)	Apply the order of operations to solve a problem	11.1	32.4	33.5
69	6SS2 (L2)	Estimate the measure of a given angle	83.3	74.2	73.4
70	6SS2 (L2)	Give the measure of a missing angle in a given triangle	74.1	68.0	68.9

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

### District 4 - Eastern

School #: 924 Tricentia Academy, Arnold's Cove Grades: K-12

ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=21]	District [N=2,936]	<b>Province</b> [N=4,998]
Number Co	ncents				
<u></u>					
41	6N1 (L1)	Write a given number in written form	33.3	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	23.8	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	33.3	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	38.1	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	23.8	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	38.1	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	66.7	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	21.4	45.7	46.4
<u>Patterns an</u> 49	d <u>Relations</u> 6PR4 (L2)	Represent an equivalent equation for a given equation	42.9	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	28.6	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	69.1	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	61.9	56.6	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	28.6	33.5	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	42.9	35.4	39.1
<u>Shape and</u> 55	<u>Space</u> 6SS1 (L2)	Draw an angle of a given measure	71.4	65.7	65.2
56	6SS3 (L2)	Solve measurement problem involving volume	76.2	49.0	51.0
57	6SS3 (L2)	Draw a rectangle for a given area	83.3	73.7	75.3
58	6SS4 (L2)	Draw a specified triangle	61.9	68.2	68.8
59	6SS6 (L2)	Represent the result of combining transformations	76.2	63.8	63.7
60	6SS6 (L2)	Represent the result of combining transformations	57.1	59.8	60.0
<u>Mental Mati</u>	2				
61	6N3 (L1)	Solve a multiplication fact	95.0	87.3	87.4
62	6N5 (L2)	Give an equivalent ratio for a given ratio	70.0	76.4	76.7
63	6N4 (L1)	Give a mixed number for a given improper fraction	35.0	59.2	59.7
64	6N4 (L1) 6N8 (L2)	Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number	55.0	64.6	64.6
64 65	6N4 (L1) 6N8 (L2) 6N8 (L2)	Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9	55.0 40.0	64.6 40.1	64.6 39.7
64	6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Give a mixed number for a given improper fractionFind the product of a decimal number and a whole numberSolve a problem for division of decimals by a divisor from 1 to 9Estimate the product of a decimal number by a whole number	55.0	64.6	64.6
64 65	6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9	55.0 40.0 65.0 77.5	64.6 40.1	64.6 39.7 64.6 61.3
64 65 66	6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Give a mixed number for a given improper fractionFind the product of a decimal number and a whole numberSolve a problem for division of decimals by a divisor from 1 to 9Estimate the product of a decimal number by a whole number	55.0 40.0 65.0	64.6 40.1 65.6 62.4 32.4	64.6 39.7 64.6
64 65 66 67	6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number Estimate the quotient for division of decimals by a divisor from 1 to 9	55.0 40.0 65.0 77.5	64.6 40.1 65.6 62.4	64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

District 4 - Eastern

## School #: 951 Paradise Elementary, Paradise

Grades: K-6

ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=58]	<b>District</b> [N=2,936]	<b>Provin</b> [N=4,99
umber Col	ncepts				
41	6N1 (L1)	Write a given number in written form	50.0	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	54.5	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	37.5	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	49.1	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	33.9	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	58.9	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	70.5	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	54.5	45.7	46.4
atterns and 49	<u>d Relations</u> 6PR4 (L2)	Represent an equivalent equation for a given equation	59.3	63.3	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	19.4	26.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	59.3	68.7	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	55.6	56.6	59.5
52					00.0
	6PR3 (L2)	Write a pattern rule for a given problem	25.0	33.5	36.3
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	25.0 29.6	33.5 35.4	36.3
53	6PR3 (L2)	Represent a pattern rule as a mathematical expression			39.1
53 54 hape and \$	6PR3 (L2)		29.6 69.8	35.4	39.1 65.2
53 54 hape and \$	6PR3 (L2) Space 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	29.6	35.4 65.7	39.1 65.2 51.0
53 54 hape and \$ 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	29.6 69.8 16.0	35.4 65.7 49.0	39.1 65.2 51.0 75.3
53 54 hape and \$ 55 56 57	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	29.6 69.8 16.0 68.9	35.4 65.7 49.0 73.7	39.1 65.2 51.0 75.3 68.8
53 54 hape and \$ 55 56 57	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	29.6 69.8 16.0 68.9	35.4 65.7 49.0 73.7	3 6 5 7
53 54 hape and \$ 55 56 57 58	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	29.6 69.8 16.0 68.9 67.9	35.4 65.7 49.0 73.7 68.2	39. 65. 51. 75. 68. 63.
53 54 hape and \$ 55 56 57 58 59	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	29.6 69.8 16.0 68.9 67.9 78.3	35.4 65.7 49.0 73.7 68.2 63.8	39.1 65.2 51.0 75.3 68.8 63.7
53 54 hape and \$ 55 56 57 58 59 60 ental Math 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	29.6 69.8 16.0 68.9 67.9 78.3	35.4 65.7 49.0 73.7 68.2 63.8	65.2 51.0 75.3 68.8 63.7 60.0
53 54 hape and \$ 55 56 57 58 59 60 ental Math	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	29.6 69.8 16.0 68.9 67.9 78.3 73.6	35.4 65.7 49.0 73.7 68.2 63.8 59.8	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
53 54 hape and \$ 55 56 57 58 59 60 ental Math 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	29.6 69.8 16.0 68.9 67.9 78.3 73.6 90.9	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
53 54 hape and \$ 55 56 57 58 59 60 lental Math 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	29.6 69.8 16.0 68.9 67.9 78.3 73.6 90.9 74.6	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
53 54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	29.6 69.8 16.0 68.9 67.9 78.3 73.6 90.9 74.6 65.5	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
53 54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63 63 64	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	29.6 69.8 16.0 68.9 67.9 78.3 73.6 90.9 74.6 65.5 77.3	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
53 54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	29.6 69.8 16.0 68.9 67.9 78.3 73.6 90.9 74.6 65.5 77.3 50.9	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	36.3 39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3
53 54 hape and \$ 55 56 57 58 59 60 lental Math 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	29.6 69.8 16.0 68.9 67.9 78.3 73.6 90.9 74.6 65.5 77.3 50.9 76.4	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
53 54 hape and \$ 55 56 57 58 59 60 hental Math 61 62 63 64 65 66 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	29.6 69.8 16.0 68.9 67.9 78.3 73.6 90.9 74.6 65.5 77.3 50.9 76.4 73.6	35.4         65.7         49.0         73.7         68.2         63.8         59.8         87.3         76.4         59.2         64.6         40.1         65.6         62.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

### District 4 - Eastern

School #: 952 Elizabeth Park Elementary School, Paradise

Grades: K-6

ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=49]	District [N=2,936]	Provinc [N=4,998
umbar Ca					
umber Col	ncepts				
41	6N1 (L1)	Write a given number in written form	42.9	33.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	53.1	42.6	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	29.6	37.3	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	43.9	45.9	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	44.9	30.7	30.3
46	6N3 (L3)	Solve a problem involving factors	61.2	53.9	55.3
47	6N7 (L3)	Compare the value of two given integers	65.3	58.7	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	38.8	45.7	46.4
49 50	6PR4 (L2) 6PR1 (L2)	Represent an equivalent equation for a given equation Write a mathematical expression for a given situation	67.4 45.9	63.3 26.7	63.6 30.2
49	6PR4 (L2)	Represent an equivalent equation for a given equation	67.4	63.3	63.6
51	6PR2 (L2)	Create a table of values for a given situation	76.5	68.7	70.4
52				-	
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	55.1	56.6	59.5
				225	36.3
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	<u>46.9</u> 37.8	33.5 35.4	39.1
54 hape and \$	6PR3 (L2) Space	Represent a pattern rule as a mathematical expression	37.8	35.4	39.1
54 hape and \$ 55	6PR3 (L2) <b>Space</b> 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	37.8 68.4	35.4 65.7	<u>39.1</u> 65.2
54 hape and \$	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression	37.8	35.4	39.1 65.2 51.0
54 hape and \$ 55 56	6PR3 (L2) <b>Space</b> 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	37.8 68.4 63.3	35.4 65.7 49.0	39.1 65.2 51.0 75.3
54 hape and \$ 55 56 57	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	37.8 68.4 63.3 90.8	35.4 65.7 49.0 73.7	39.1 65.2 51.0 75.3 68.8
54 hape and \$ 55 56 57 58	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	37.8 68.4 63.3 90.8 85.7	35.4 65.7 49.0 73.7 68.2	39.1 65.2 51.0 75.3 68.8 63.7
54 hape and \$ 55 56 57 58 59	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	37.8 68.4 63.3 90.8 85.7 76.5 64.3	35.4 65.7 49.0 73.7 68.2 63.8 59.8	39.1 65.2 51.0 75.3 68.8 63.7 60.0
54 hape and \$ 55 56 57 58 59 60 dental Math 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	37.8 68.4 63.3 90.8 85.7 76.5 64.3 87.8	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 hape and \$ 55 56 57 58 59 60 dental Math 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	37.8 68.4 63.3 90.8 85.7 76.5 64.3 87.8 72.5	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54 hape and \$ 55 56 57 58 59 60 dental Math 61 62 63	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	37.8 68.4 63.3 90.8 85.7 76.5 64.3 87.8 72.5 75.5	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7
54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63 64	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	37.8 68.4 63.3 90.8 85.7 76.5 64.3 87.8 72.5 75.5 81.6	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	37.8 68.4 63.3 90.8 85.7 76.5 64.3 87.8 72.5 75.5 81.6 38.8	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
54 hape and \$ 55 56 57 58 59 60 (ental Math 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	37.8 68.4 63.3 90.8 85.7 76.5 64.3 87.8 72.5 75.5 81.6 38.8 81.6	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
54 hape and \$ 55 56 57 58 59 60 ental Math 61 62 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	37.8 68.4 63.3 90.8 85.7 76.5 64.3 87.8 72.5 75.5 81.6 38.8	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
54 hape and \$ 55 56 57 58 59 60 (ental Math 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	37.8 68.4 63.3 90.8 85.7 76.5 64.3 87.8 72.5 75.5 81.6 38.8 81.6	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6	
54 hape and \$ 55 56 57 58 59 60 60 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	37.8 68.4 63.3 90.8 85.7 76.5 64.3 87.8 72.5 75.5 81.6 38.8 81.6 73.5	35.4 65.7 49.0 73.7 68.2 63.8 59.8 87.3 76.4 59.2 64.6 40.1 65.6 62.4	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 39.7

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Source: Division of Evaluation and Research, Department of Education



### Elementary Mathematics Provincial Assessment, June 2012 School Report - Written Response Items

(Item Analysis: % of content answered correctly)

#### District 5 - Conseil scolaire francophone

School #: 095 École Notre-Dame du Cap, Cap Saint-Georges Grades: K-8

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=10]	District [N=23]	<b>Province</b> [N=4,998]
Number Co	ncents				
Mumber 00	neepts				
41	6N1 (L1)	Write a given number in written form	18.8	26.2	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	100.0	71.4	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	62.5	38.1	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	81.3	59.5	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	12.5	21.4	30.3
46	6N3 (L3)	Solve a problem involving factors	31.3	61.9	55.3
47	6N7 (L3)	Compare the value of two given integers	62.5	59.5	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	68.8	59.5	46.4
<i>Patterns ar</i> 49	d <u>Relations</u> 6PR4 (L2)	Represent an equivalent equation for a given equation	80.0	52.2	63.6
50	6PR1 (L2)	Write a mathematical expression for a given equation	50.0	45.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	90.0	80.4	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	50.0	58.7	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	45.0	43.5	36.3
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	70.0	43.3	30.3
Shape and	6SS1 (L2)	Draw an angle of a given measure	45.0	54.4	65.2
56	6SS3 (L2)	Solve measurement problem involving volume	90.0	69.6	51.0
57	6SS3 (L2)	Draw a rectangle for a given area	75.0	76.1	75.3
58	6SS4 (L2)	Draw a specified triangle	100.0	91.3	68.8
59 60	6SS6 (L2) 6SS6 (L2)	Represent the result of combining transformations Represent the result of combining transformations	80.0	60.9 58.7	63.7
			75.0	50.7	60.0
<u>Mental Mat</u>	<u>1</u>				
61	6N3 (L1)	Solve a multiplication fact	100.0	90.5	87.4
62	6N5 (L2)	Give an equivalent ratio for a given ratio	50.0	69.1	76.7
63	6N4 (L1)	Give a mixed number for a given improper fraction	44.4	47.6	59.7
		Find the product of a desired number and a whole number	66.7	61.9	64.6
64	6N8 (L2)	Find the product of a decimal number and a whole number		01.0	04.0
64 65	6N8 (L2)	Solve a problem for division of decimals by a divisor from 1 to 9	27.8	35.7	39.7
	· /			1	1
65	6N8 (L2)	Solve a problem for division of decimals by a divisor from 1 to 9	27.8	35.7	39.7
65 66	6N8 (L2) 6N8 (L2)	Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number	27.8 55.6	35.7 64.3	39.7 64.6
65 66 67	6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number Estimate the quotient for division of decimals by a divisor from 1 to 9	27.8 55.6 44.4	35.7 64.3 59.5	39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 5 - Conseil scolaire francophone

School #: 107 École Ste-Anne, La Grand'Terre (Mainland)

Grades: K-12

Number	Outcome(s) Cognitive Level	Outcome Description	School [N=4]	District [N=23]	<b>Provinc</b> [N=4,998]
Number Co	ncents				
	neepts				
41	6N1 (L1)	Write a given number in written form	School data	26.2	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	with 5 or	71.4	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	fewer	38.1	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	students	59.5	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	withheld for	21.4	30.3
46	6N3 (L3)	Solve a problem involving factors	reasons of	61.9	55.3
47	6N7 (L3)	Compare the value of two given integers	confidentiality	59.5	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers		59.5	46.4
	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	-	52.2	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation		45.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	_	80.4	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph		58.7	59.5
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression		43.5	36.3
Shana and	Space				
Shape and					
55	6SS1 (L2)	Draw an angle of a given measure		54.4	65.2
55 56	6SS1 (L2) 6SS3 (L2)	Solve measurement problem involving volume		69.6	51.0
55 56 57	6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area		69.6 76.1	51.0 75.3
55 56 57 58	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle		69.6 76.1 91.3	51.0 75.3 68.8
55 56 57 58 59	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations		69.6 76.1 91.3 60.9	51.0 75.3 68.8 63.7
55 56 57 58 59 60	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle		69.6 76.1 91.3	51.0 75.3 68.8
55 56 57 58 59 60 Mental Mati	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations		69.6 76.1 91.3 60.9 58.7	51.0 75.3 68.8 63.7 60.0
55 56 57 58 59 60 <i>Mental Mat</i>	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations		69.6 76.1 91.3 60.9 58.7 90.5	51.0 75.3 68.8 63.7 60.0 87.4
55 56 57 58 59 60 <b>Mental Mat</b> 61 62	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6SS6 (L2) 2 6SS6 (L2) 2 6N3 (L1) 6N5 (L2)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio		69.6 76.1 91.3 60.9 58.7 90.5 69.1	51.0 75.3 68.8 63.7 60.0 87.4 76.7
55 56 57 58 59 60 <b>Mental Mati</b> 61 62 63	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1) 6N5 (L2) 6N4 (L1)	Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction		69.6 76.1 91.3 60.9 58.7 90.5 69.1 47.6	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
55 56 57 58 59 60 <b>Mental Mati</b> 61 62 63 63 64	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number		69.6 76.1 91.3 60.9 58.7 90.5 69.1 47.6 61.9	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
55 56 57 58 59 60 <b>Mental Mati</b> 61 62 63 63 64 65	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9		69.6 76.1 91.3 60.9 58.7 90.5 69.1 47.6 61.9 35.7	51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7
55 56 57 58 59 60 <b>Mental Mati</b> 61 62 63 63 64 65 66	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number		69.6 76.1 91.3 60.9 58.7 90.5 69.1 47.6 61.9 35.7 64.3	51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6
55 56 57 58 59 60 <b>Mental Mat</b> 61 62 63 63 64 65 66 66 67	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9		69.6 76.1 91.3 60.9 58.7 90.5 69.1 47.6 61.9 35.7 64.3 59.5	51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6           61.3
55 56 57 58 59 60 <b>Mental Mati</b> 61 62 63 64 63 64 65 66 67 68	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9         Apply the order of operations to solve a problem		69.6 76.1 91.3 60.9 58.7 90.5 69.1 47.6 61.9 35.7 64.3 59.5 47.6	51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3 33.5
55 56 57 58 59 60 <b>Mental Mat</b> 61 62 63 63 64 65 66 66 67	6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9		69.6 76.1 91.3 60.9 58.7 90.5 69.1 47.6 61.9 35.7 64.3 59.5	51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6           61.3

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Source: Division of Evaluation and Research, Department of Education



### Elementary Mathematics Provincial Assessment, June 2012 School Report - Written Response Items

(Item Analysis: % of content answered correctly)

#### District 5 - Conseil scolaire francophone

School #: 459 Centre éducatif l'ENVOL, Labrador City Grades: K-8

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=2]	District [N=23]	<b>Province</b> [N=4,998]
Number Co	noonto				
Number Co	ncepts				
41	6N1 (L1)	Write a given number in written form	O altra altra factor	26.2	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	School data with 5 or	71.4	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	fewer	38.1	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	students	59.5	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	withheld for	21.4	30.3
46	6N3 (L3)	Solve a problem involving factors		61.9	55.3
47	6N7 (L3)	Compare the value of two given integers	withheld for 21.4	59.4	
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers		59.5	46.4
<u>Patterns an</u>	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation		52.2	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation		45.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation		80.4	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph		58.7	59.5
				43.5	36.3
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression		47.8	39.1
54	6PR3 (L2)	· · · · · · · · · · · · · · · · · · ·			
	6PR3 (L2)	· · · · · · · · · · · · · · · · · · ·	-		
54	6PR3 (L2)	· · · · · · · · · · · · · · · · · · ·			
54 <i>Shape and</i> 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume		47.8 54.4 69.6	39.1 65.2 51.0
54 <b>Shape and</b> 55 56 57	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area		47.8 54.4 69.6 76.1	39.1 65.2 51.0 75.3
54 <b>Shape and</b> 55 56 57 58	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle		47.8 54.4 69.6 76.1 91.3	39.1 65.2 51.0 75.3 68.8
54 <b>Shape and</b> 55 56 57 58 59	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations		47.8 54.4 69.6 76.1	39.1 65.2 51.0 75.3
54 <b>Shape and</b> 55 56 57 58	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle		47.8 54.4 69.6 76.1 91.3	39.1 65.2 51.0 75.3 68.8
54 <b>Shape and</b> 55 56 57 58 59	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations		47.8 54.4 69.6 76.1 91.3 60.9	39.1 65.2 51.0 75.3 68.8 63.7
54 <b>Shape and</b> 55 56 57 58 59 60	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations		47.8 54.4 69.6 76.1 91.3 60.9	39.1 65.2 51.0 75.3 68.8 63.7
54 <b>Shape and</b> 55 56 57 58 59 60 <b>Mental Math</b>	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations		47.8 54.4 69.6 76.1 91.3 60.9 58.7	39.1           65.2           51.0           75.3           68.8           63.7           60.0
54 <b>Shape and</b> 55 56 57 58 59 60 <b>Mental Matl</b> 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact		47.8 54.4 69.6 76.1 91.3 60.9 58.7 90.5	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
54           Shape and           55           56           57           58           59           60           Mental Math           61           62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio		47.8 54.4 69.6 76.1 91.3 60.9 58.7 90.5 69.1	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54 <b>Shape and</b> 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction		47.8 54.4 69.6 76.1 91.3 60.9 58.7 90.5 69.1 47.6	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7
54           Shape and           55           56           57           58           59           60           Mental Math           61           62           63           64	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number		47.8 54.4 69.6 76.1 91.3 60.9 58.7 90.5 69.1 47.6 61.9	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
54           Shape and           55           56           57           58           59           60           Mental Math           61           62           63           64           65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9		47.8 54.4 69.6 76.1 91.3 60.9 58.7 90.5 69.1 47.6 61.9 35.7	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7
54           Shape and           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number		47.8 54.4 69.6 76.1 91.3 60.9 58.7 90.5 69.1 47.6 61.9 35.7 64.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6
54           Shape and           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66           67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9		47.8 54.4 69.6 76.1 91.3 60.9 58.7 90.5 69.1 47.6 61.9 35.7 64.3 59.5	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6           61.3

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Source: Division of Evaluation and Research, Department of Education



### Elementary Mathematics Provincial Assessment, June 2012 School Report - Written Response Items

(Item Analysis: % of content answered correctly)

#### District 5 - Conseil scolaire francophone

School #: 460 École des Grands-Vents, St. John's Grades: K-9,11

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=4]	District [N=23]	<b>Province</b> [N=4,998]
Number Co	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form		26.2	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	School data with 5 or	71.4	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	fewer	38.1	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	students	59.5	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	withheld for	21.4	30.3
46	6N3 (L3)	Solve a problem involving factors	reasons of	61.9	55.3
47	6N7 (L3)	Compare the value of two given integers	reasons of confidentiality	59.5	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers		59.5	46.4
Patterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation		52.2	63.6
49 50	6PR1 (L2)	Write a mathematical expression for a given situation	-	45.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation		80.4	70.4
	01 1 (EE)			58.7	59.5
	6PR2 6SP1 (L2)			50.7	00.0
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph		12 E	26.2
	6PR2, 6SP1 (L2) 6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression		43.5 47.8	36.3 39.1
52 53	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem			
52 53 54 Shape and s	6PR3 (L2) 6PR3 (L2) Space	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression		47.8	39.1
52 53 54 <b>Shape and</b> 55	6PR3 (L2) 6PR3 (L2) <b>Space</b> 6SS1 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression Draw an angle of a given measure		47.8	<u>39.1</u> 65.2
52 53 54 <b>Shape and</b> 55 56	6PR3 (L2) 6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume		47.8 54.4 69.6	39.1 65.2 51.0
52 53 54 <b>Shape and</b> 55 56 57	6PR3 (L2) 6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area		47.8 54.4 69.6 76.1	39.1 65.2 51.0 75.3
52 53 54 <b>Shape and</b> 55 56 57 58	6PR3 (L2) 6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle		47.8 54.4 69.6 76.1 91.3	39.1 65.2 51.0 75.3 68.8
52 53 54 <b>Shape and</b> 55 56 57 58 59	6PR3 (L2) 6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations		47.8 54.4 69.6 76.1 91.3 60.9	39.1           65.2           51.0           75.3           68.8           63.7
52 53 54 <b>Shape and 5</b> 55 56 57 58 59 60	6PR3 (L2) 6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations		47.8 54.4 69.6 76.1 91.3 60.9	39.1           65.2           51.0           75.3           68.8           63.7
52 53 54 <b>Shape and 3</b> 55 56 57 58 59 60 <b>Mental Math</b>	6PR3 (L2) 6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations		47.8 54.4 69.6 76.1 91.3 60.9 58.7	39.1           65.2           51.0           75.3           68.8           63.7           60.0
52 53 54 54 55 56 57 58 59 60 <u>Mental Math</u> 61	6PR3 (L2) 6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 2 6SS6 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact		47.8 54.4 69.6 76.1 91.3 60.9 58.7 90.5	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4
52 53 54 <u>Shape and 55</u> 56 57 58 59 60 <u>Mental Math</u> 61 62	6PR3 (L2) 6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio		47.8 54.4 69.6 76.1 91.3 60.9 58.7 90.5 69.1	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7
52 53 54 <u>Shape and 55</u> 56 57 58 59 60 <u>Mental Math</u> 61 62 63	6PR3 (L2) 6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction		47.8 54.4 69.6 76.1 91.3 60.9 58.7 90.5 69.1 47.6	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7
52 53 54 <b>Shape and</b> 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number		47.8 54.4 69.6 76.1 91.3 60.9 58.7 90.5 69.1 47.6 61.9	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6
52 53 54 <i>Shape and</i> 55 56 57 58 59 60 <i>Mental Matt</i> 61 62 63 63 64 65	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9		47.8 54.4 69.6 76.1 91.3 60.9 58.7 90.5 69.1 47.6 61.9 35.7	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7
52 53 54 54 55 56 57 58 59 60 <i>Mental Matt</i> 61 62 63 64 65 66	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number		47.8 54.4 69.6 76.1 91.3 60.9 58.7 90.5 69.1 47.6 61.9 35.7 64.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6
52 53 54 54 <u>55</u> 56 57 58 59 60 <u>Mental Math</u> 61 62 63 64 65 66 67	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Write a pattern rule for a given problem         Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9		47.8 54.4 69.6 76.1 91.3 60.9 58.7 90.5 69.1 47.6 61.9 35.7 64.3 59.5	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6           61.3

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Source: Division of Evaluation and Research, Department of Education



### Elementary Mathematics Provincial Assessment, June 2012 School Report - Written Response Items

(Item Analysis: % of content answered correctly)

#### District 5 - Conseil scolaire francophone

School #: 472 École Boréale, Happy Valley - Goose Bay Grades: K-8,11

ltem Number	Outcome(s) Cognitive Level	Outcome Description	School [N=3]	District [N=23]	<b>Province</b> [N=4,998]
Number Cor	ncents				
	100013				
41	6N1 (L1)	Write a given number in written form	School data	26.2	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers		71.4	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	fewer	38.1	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	students	59.5	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	withheld for	21.4	30.3
46	6N3 (L3)	Solve a problem involving factors		61.9	55.3
47	6N7 (L3)	Compare the value of two given integers	confidentiality	59.5	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers		59.5	46.4
Patterns and	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation		52.2	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation		45.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation		80.4	70.4
	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph		58.7	59.5
52	,			40.5	26.2
52 53	6PR3 (L2)	Write a pattern rule for a given problem	School data with 5 or fewer students withheld for reasons of confidentiality 59.5 59.5 59.5 59.5 59.5 59.5 59.5	36.3	
		Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression			39.1
53 54 Shape and S	6PR3 (L2) 6PR3 (L2) Space	Represent a pattern rule as a mathematical expression		47.8	39.1
53 54 <b>Shape and S</b> 55	6PR3 (L2) 6PR3 (L2) Space 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure		47.8 54.4	39.1 65.2
53 54 <i>Shape and S</i> 55 56	6PR3 (L2) 6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume		47.8 54.4 69.6	39.1 65.2 51.0
53 54 <b>Shape and S</b> 55 56 57	6PR3 (L2) 6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area		47.8 54.4 69.6 76.1	39.1 65.2 51.0 75.3
53 54 <b>Shape and S</b> 55 56 57 58	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle		47.8 54.4 69.6 76.1 91.3	39.1 65.2 51.0 75.3 68.8
53 54 <b>Shape and S</b> 55 56 57	6PR3 (L2) 6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area		47.8 54.4 69.6 76.1	39.1 65.2 51.0 75.3
53 54 <b>Shape and S</b> 55 56 57 58 59	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations		47.8 54.4 69.6 76.1 91.3 60.9	39.1 65.2 51.0 75.3 68.8 63.7
53 54 54 55 55 56 57 58 59 60 <u>Mental Math</u> 61	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact		47.8 54.4 69.6 76.1 91.3 60.9 58.7 90.5	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
53 54 54 55 55 56 57 58 59 60 <u>Mental Math</u> 61 62	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio		47.8 54.4 69.6 76.1 91.3 60.9 58.7	39.1 65.2 51.0 75.3 68.8 63.7 60.0
53 54 <u>Shape and S</u> 55 56 57 58 59 60 <u>Mental Math</u> 61 62 63	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction		47.8 54.4 69.6 76.1 91.3 60.9 58.7 90.5 69.1 47.6	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
53         54         Shape and S         55         56         57         58         59         60         Mental Math         61         62         63         64	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number		47.8 54.4 69.6 76.1 91.3 60.9 58.7 90.5 69.1 47.6 61.9	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
53 54 54 55 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64 65	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9		47.8 54.4 69.6 76.1 91.3 60.9 58.7 90.5 69.1 47.6 61.9 35.7	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
53         54         Shape and S         55         56         57         58         59         60         Mental Math         61         62         63         64	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number		47.8 54.4 69.6 76.1 91.3 60.9 58.7 90.5 69.1 47.6 61.9	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
53 54 54 55 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64 65	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9		47.8 54.4 69.6 76.1 91.3 60.9 58.7 90.5 69.1 47.6 61.9 35.7	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
53         54         Shape and S         55         56         57         58         59         60         Mental Math         61         62         63         64         65         66	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number		47.8 54.4 69.6 76.1 91.3 60.9 58.7 90.5 69.1 47.6 61.9 35.7 64.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
53         54         Shape and S         55         56         57         58         59         60         Mental Math         61         62         63         64         65         66         67	6PR3 (L2) 6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9		47.8 54.4 69.6 76.1 91.3 60.9 58.7 90.5 69.1 47.6 61.9 35.7 64.3 59.5	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

### District 803 - Private

School #: 373 First Baptist Academy, Mount Pearl Grades: 1-8,10

Number	Outcome(s) Cognitive Level	Outcome Description	School [N=4]	District [N=50]	<b>Provinc</b> [N=4,998]
Number Co	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form		37.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	School data with 5 or	69.0	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	fewer	54.0	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	students	60.0	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	withheld for	38.0	30.3
46	6N3 (L3)	Solve a problem involving factors	reasons of	70.0	55.3
47	6N7 (L3)	Compare the value of two given integers	confidentiality	77.0	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers		69.0	46.4
Patterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation		69.4	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation		32.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation		79.6	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph		74.5	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem		56.1	36.3
	6PR3 (L2)	Represent a pattern rule as a mathematical expression			
54				38.8	39.1
		Draw an angle of a given measure		73.5	65.2
hape and s	Space				
<b>hape and</b> 55	<b>Space</b> 6SS1 (L2)	Draw an angle of a given measure		73.5	65.2
<b>hape and</b> 55 56	<u>Space</u> 6SS1 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume		73.5 66.3	65.2 51.0
hape and 5 55 56 57	<u>Space</u> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area		73.5 66.3 83.7	65.2 51.0 75.3
Shape and 5 55 56 57 58	<u>Space</u> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle		73.5 66.3 83.7 68.4	65.2 51.0 75.3 68.8
Shape and s           55           56           57           58           59           60	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations		73.5 66.3 83.7 68.4 61.2	65.2 51.0 75.3 68.8 63.7
hape and 3 55 56 57 58 59 60 Mental Math	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations		73.5 66.3 83.7 68.4 61.2 57.1	65.2 51.0 75.3 68.8 63.7 60.0
hape and 5 55 56 57 58 59 60 60	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations		73.5 66.3 83.7 68.4 61.2 57.1 98.0	65.2 51.0 75.3 68.8 63.7 60.0 87.4
hape and 5 55 56 57 58 59 60 ental Math 61 62	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6N3 (L1) 6N5 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations		73.5 66.3 83.7 68.4 61.2 57.1 98.0 86.0	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
hape and 3 55 56 57 58 59 60 Mental Math 61 62 63	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 2 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction		73.5 66.3 83.7 68.4 61.2 57.1 98.0 98.0 86.0 90.0	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
hape and 3 55 56 57 58 59 60 Mental Math 61 62 63 63 64	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number		73.5 66.3 83.7 68.4 61.2 57.1 98.0 98.0 86.0 90.0 90.0	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
hape and 3 55 56 57 58 59 60 Mental Math 61 62 63 63 64 65	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9		73.5 66.3 83.7 68.4 61.2 57.1 98.0 98.0 86.0 90.0 90.0 70.0	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
hape and 3 55 56 57 58 59 60 Mental Math 61 62 63 63 64 65 66	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number		73.5 66.3 83.7 68.4 61.2 57.1 98.0 98.0 86.0 90.0 90.0 70.0 79.0	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
55         56         57         58         59         60         Mental Math         61         62         63         64         65         66         67	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the quotient for division of decimals by a divisor from 1 to 9		73.5 66.3 83.7 68.4 61.2 57.1 98.0 86.0 90.0 90.0 90.0 70.0 79.0 88.0	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3
hape and 3 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 64 65 66 66 67 68	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9         Apply the order of operations to solve a problem		73.5 66.3 83.7 68.4 61.2 57.1 98.0 86.0 90.0 90.0 90.0 90.0 70.0 79.0 88.0 34.0	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 39.7 64.6 61.3 33.5
Shape and 3           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66           67	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the quotient for division of decimals by a divisor from 1 to 9		73.5 66.3 83.7 68.4 61.2 57.1 98.0 86.0 90.0 90.0 90.0 70.0 79.0 88.0	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

### District 803 - Private

School #: 375 Lakecrest -St. John's Independent School, St. John's Grades: K-9

ltem Number	Outcome(s) Cognitive Level	Outcome Description	School [N=11]	District [N=50]	<b>Provinc</b> [N=4,998
Number Cor	ncepts				
41	6N1 (L1)	Write a given number in written form	81.8	37.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	86.4	69.0	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	77.3	54.0	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	77.3	60.0	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	59.1	38.0	30.3
46	6N3 (L3)	Solve a problem involving factors	81.8	70.0	55.3
47	6N7 (L3)	Compare the value of two given integers	95.5	77.0	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	90.9	69.0	46.4
Patterns and	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	90.9	69.4	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	68.2	32.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	95.5	79.6	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	86.4	74.5	59.5
02	, ,		95.5	56.1	36.3
53	6003 (1 2)				
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	86.4	38.8	39.1
54 Shape and S 55	6PR3 (L2) Space 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure			39.1 65.2
54 T <b>hape and S</b> 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	86.4 100.0 86.4	38.8 73.5 66.3	39.1 65.2 51.0
54 Shape and S 55 56 57	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	86.4 100.0 86.4 100.0	38.8 73.5 66.3 83.7	39.1 65.2 51.0 75.3
54 Shape and S 55 56 57 58	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	86.4 100.0 86.4 100.0 100.0	38.8 73.5 66.3 83.7 68.4	39.1 65.2 51.0 75.3 68.8
54 Shape and S 55 56 57 58 59	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	86.4 100.0 86.4 100.0 100.0 54.6	38.8 73.5 66.3 83.7 68.4 61.2	39.1 65.2 51.0 75.3 68.8 63.7
54 Shape and S 55 56 57 58	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	86.4 100.0 86.4 100.0 100.0	38.8 73.5 66.3 83.7 68.4	39.1 65.2 51.0 75.3 68.8
54 <b>Shape and S</b> 55 56 57 58 59 60	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	86.4 100.0 86.4 100.0 100.0 54.6	38.8 73.5 66.3 83.7 68.4 61.2	39.1 65.2 51.0 75.3 68.8 63.7
54 <b>Shape and S</b> 55 56 57 58 59 60	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	86.4 100.0 86.4 100.0 100.0 54.6	38.8 73.5 66.3 83.7 68.4 61.2	39.1 65.2 51.0 75.3 68.8 63.7
54 55 56 57 58 59 60 Mental Math	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	86.4 100.0 86.4 100.0 100.0 54.6 68.2	38.8         73.5         66.3         83.7         68.4         61.2         57.1	39.1 65.2 51.0 75.3 68.8 63.7 60.0
54 55 56 57 58 59 60 Mental Math 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	86.4 100.0 86.4 100.0 54.6 68.2 100.0	38.8 73.5 66.3 83.7 68.4 61.2 57.1 98.0	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 55 56 57 58 59 60 Mental Math 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	86.4 100.0 86.4 100.0 100.0 54.6 68.2 100.0 100.0	38.8 73.5 66.3 83.7 68.4 61.2 57.1 98.0 86.0	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54 55 56 57 58 59 60 Mental Math 61 62 63	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	86.4 100.0 86.4 100.0 100.0 54.6 68.2 100.0 100.0 90.9	38.8 73.5 66.3 83.7 68.4 61.2 57.1 98.0 98.0 86.0 90.0	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7
54 55 56 57 58 59 60 Mental Math 61 62 63 64	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	86.4 100.0 86.4 100.0 100.0 54.6 68.2 100.0 100.0 100.0 90.9 90.9	38.8 73.5 66.3 83.7 68.4 61.2 57.1 98.0 98.0 86.0 90.0 90.0	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6
54 55 56 57 58 59 60 Mental Math 61 62 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	86.4 100.0 86.4 100.0 100.0 54.6 68.2 100.0 100.0 90.9 90.9 90.9	38.8 73.5 66.3 83.7 68.4 61.2 57.1 98.0 98.0 98.0 90.0 90.0 90.0 70.0	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7
54           Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	86.4 100.0 86.4 100.0 54.6 68.2 100.0 100.0 100.0 90.9 90.9 90.9 90.9 86.4	38.8 73.5 66.3 83.7 68.4 61.2 57.1 98.0 98.0 86.0 90.0 90.0 90.0 70.0 79.0	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6
54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	86.4 100.0 86.4 100.0 54.6 68.2 100.0 100.0 90.9 90.9 90.9 90.9 86.4 90.9	38.8 73.5 66.3 83.7 68.4 61.2 57.1 98.0 98.0 98.0 98.0 90.0 90.0 90.0 70.0 79.0 88.0	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6           61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

### District 803 - Private

School #: 450 St. Bonaventure's College, St. John's Grades: K-12

Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=19]	District [N=50]	<b>Province</b> [N=4,998]
No					
Number Col	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form	7.9	37.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	68.4	69.0	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	57.9	54.0	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	52.6	60.0	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	39.5	38.0	30.3
46	6N3 (L3)	Solve a problem involving factors	68.4	70.0	55.3
47	6N7 (L3)	Compare the value of two given integers	71.1	77.0	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	63.2	69.0	46.4
Patterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	57.9	69.4	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	10.5	32.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	81.6	79.6	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	81.6	74.5	59.5
	6PR3 (L2)	Write a pattern rule for a given problem	42.1	56.1	36.3
53	· · /				
53 54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	18.4	38.8	39.1
54 Shape and S	6PR3 (L2)				
54 <u>Shape and S</u> 55	6PR3 (L2) Space 6SS1 (L2)	Draw an angle of a given measure	68.4	73.5	65.2
54 <u>Shape and S</u> 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume	68.4 47.4	73.5 66.3	65.2 51.0
54 <b>Shape and S</b> 55 56 57	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area	68.4 47.4 73.7	73.5 66.3 83.7	65.2 51.0 75.3
54 <b>Shape and S</b> 55 56 57 58	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle	68.4 47.4 73.7 52.6	73.5 66.3 83.7 68.4	65.2 51.0 75.3 68.8
54 <b>Shape and S</b> 55 56 57	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	68.4 47.4 73.7	73.5 66.3 83.7	65.2 51.0 75.3
54 <b>Shape and S</b> 55 56 57 58 59	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle	68.4 47.4 73.7 52.6 52.6	73.5 66.3 83.7 68.4 61.2	65.2 51.0 75.3 68.8 63.7
54           Shape and S           55           56           57           58           59           60	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	68.4 47.4 73.7 52.6 52.6	73.5 66.3 83.7 68.4 61.2	65.2 51.0 75.3 68.8 63.7
54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b>	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	68.4 47.4 73.7 52.6 52.6 44.7	73.5 66.3 83.7 68.4 61.2 57.1	65.2 51.0 75.3 68.8 63.7 60.0
54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b> 61	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	68.4 47.4 73.7 52.6 52.6 44.7 100.0	73.5 66.3 83.7 68.4 61.2 57.1 98.0	65.2 51.0 75.3 68.8 63.7 60.0 87.4
54           Shape and S           55           56           57           58           59           60           Mental Math           61           62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio	68.4 47.4 73.7 52.6 52.6 44.7 100.0 89.5	73.5 66.3 83.7 68.4 61.2 57.1 98.0 86.0	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54           Shape and S           55           56           57           58           59           60           Mental Math           61           62           63	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction	68.4 47.4 73.7 52.6 52.6 44.7 100.0 89.5 94.7	73.5 66.3 83.7 68.4 61.2 57.1 98.0 86.0 90.0	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
54           Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N4 (L1) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number	68.4 47.4 73.7 52.6 52.6 44.7 100.0 89.5 94.7 94.7	73.5 66.3 83.7 68.4 61.2 57.1 98.0 98.0 86.0 90.0 90.0	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
54           Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9	68.4 47.4 73.7 52.6 52.6 44.7 100.0 89.5 94.7 94.7 68.4	73.5 66.3 83.7 68.4 61.2 57.1 98.0 98.0 86.0 90.0 90.0 70.0	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
54           Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number	68.4 47.4 73.7 52.6 52.6 44.7 100.0 89.5 94.7 94.7 68.4 81.6	73.5 66.3 83.7 68.4 61.2 57.1 98.0 98.0 86.0 90.0 90.0 90.0 70.0 79.0	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
54           Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66           67	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the quotient for division of decimals by a divisor from 1 to 9	68.4 47.4 73.7 52.6 52.6 44.7 100.0 89.5 94.7 94.7 68.4 81.6 89.5	73.5 66.3 83.7 68.4 61.2 57.1 98.0 86.0 90.0 90.0 70.0 79.0 88.0	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

### District 803 - Private

School #: 453 Eric G. Lambert All-Grade, Churchill Falls Grades: K-12

ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=9]	District [N=50]	<b>Proving</b> [N=4,998
lumber Col	ncepts				
41	6N1 (L1)	Write a given number in written form	33.3	37.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	66.7	69.0	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	27.8	54.0	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	50.0	60.0	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	27.8	38.0	30.3
46	6N3 (L3)	Solve a problem involving factors	55.6	70.0	55.3
47	6N7 (L3)	Compare the value of two given integers	55.6	77.0	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	61.1	69.0	46.4
Patterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	66.7	69.4	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	38.9	32.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	55.6	79.6	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	61.1	74.5	59.5
53	6PR3 (L2)	Write a pattern rule for a given problem	38.9	56.1	36.3
00	( )		50.5	50.1	00.0
54	6PR3 (L2)	Represent a pattern rule as a mathematical expression	44.4	38.8	39.1
hape and S	Space				
<b>hape and s</b> 55	<b>Space</b> 6SS1 (L2)	Draw an angle of a given measure	77.8	73.5	65.2
hape and S	Space				65.2 51.0
55 56	<u>Space</u> 6SS1 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume	77.8 61.1	73.5 66.3	65.2 51.0 75.3
hape and \$ 55 56 57	<u>Space</u> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area	77.8 61.1 83.3	73.5 66.3 83.7	65.2 51.0 75.3 68.8
Shape and S 55 56 57 58	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle	77.8 61.1 83.3 66.7	73.5 66.3 83.7 68.4	65.2 51.0 75.3 68.8 63.7
thape and s	Space           6SS1 (L2)           6SS3 (L2)           6SS3 (L2)           6SS4 (L2)           6SS6 (L2)           6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations	77.8 61.1 83.3 66.7 88.9	73.5 66.3 83.7 68.4 61.2	65.2 51.0 75.3 68.8 63.7
Shape and S 55 56 57 58 59 60 60	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	77.8 61.1 83.3 66.7 88.9 61.1	73.5 66.3 83.7 68.4 61.2 57.1	65.2 51.0 75.3 68.8 63.7 60.0
Shape and S           55           56           57           58           59           60	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations	77.8 61.1 83.3 66.7 88.9 61.1 88.9	73.5 66.3 83.7 68.4 61.2 57.1 98.0	65.2 51.0 75.3 68.8 63.7 60.0 87.4
Shape and S           55           56           57           58           59           60           Mental Math           61           62	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio	77.8 61.1 83.3 66.7 88.9 61.1 88.9 77.8	73.5 66.3 83.7 68.4 61.2 57.1 98.0 86.0	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
Shape and S           55           56           57           58           59           60           Mental Math           61           62           63	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction	77.8 61.1 83.3 66.7 88.9 61.1 88.9 77.8 77.8	73.5 66.3 83.7 68.4 61.2 57.1 98.0 98.0 86.0 90.0	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number	77.8 61.1 83.3 66.7 88.9 61.1 88.9 77.8 77.8 77.8 77.8	73.5 66.3 83.7 68.4 61.2 57.1 98.0 98.0 86.0 90.0 90.0	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	77.8 61.1 83.3 66.7 88.9 61.1 88.9 77.8 77.8 77.8 77.8 55.6	73.5 66.3 83.7 68.4 61.2 57.1 98.0 98.0 98.0 90.0 90.0 70.0	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
55         56         57         58         59         60         Mental Math         61         62         63         64         65         66	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number	77.8 61.1 83.3 66.7 88.9 61.1 88.9 77.8 77.8 77.8 77.8 55.6 61.1	73.5 66.3 83.7 68.4 61.2 57.1 98.0 98.0 86.0 90.0 90.0 90.0 70.0 79.0	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66           67	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the quotient for division of decimals by a divisor from 1 to 9	77.8 61.1 83.3 66.7 88.9 61.1 88.9 77.8 77.8 77.8 77.8 55.6 61.1 77.8	73.5 66.3 83.7 68.4 61.2 57.1 98.0 86.0 90.0 90.0 70.0 79.0 88.0	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3
Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66	Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Draw an angle of a given measure Solve measurement problem involving volume Draw a rectangle for a given area Draw a specified triangle Represent the result of combining transformations Represent the result of combining transformations Solve a multiplication fact Give an equivalent ratio for a given ratio Give a mixed number for a given improper fraction Find the product of a decimal number and a whole number Solve a problem for division of decimals by a divisor from 1 to 9 Estimate the product of a decimal number by a whole number	77.8 61.1 83.3 66.7 88.9 61.1 88.9 77.8 77.8 77.8 77.8 55.6 61.1	73.5 66.3 83.7 68.4 61.2 57.1 98.0 98.0 86.0 90.0 90.0 90.0 70.0 79.0	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

### District 803 - Private

School #: 469 Immaculate Heart of Mary School, Corner Brook Grades: K-9

ltem Number	Outcome(s) Cognitive Level	Outcome Description	<b>School</b> [N=7]	District [N=50]	<b>Province</b> [N=4,998]
<u>Number Co</u>	ncepts				
41	6N1 (L1)	Write a given number in written form	64.2	27.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	64.3 85.7	37.0 69.0	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	57.1	54.0	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	64.3	60.0	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	14.3	38.0	30.3
46	6N3 (L3)	Solve a problem involving factors	78.6	70.0	55.3
47	6N7 (L3)	Compare the value of two given integers	85.7	77.0	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	71.4	69.0	46.4
Patterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	85.7	69.4	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	42.9	32.7	30.2
51	6PR2 (L2)	Create a table of values for a given situation	100.0	79.6	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	71.4	74.5	59.5
	0				
	6PR3 (L2)	Write a pattern rule for a given problem	71 /		
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	71.4	56.1 38.8	36.3 39.1
53 54 <b>Shape and S</b> 55	6PR3 (L2) Space 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	14.3 71.4	38.8 73.5	<u>39.1</u> 65.2
53 54 <b>Shape and S</b> 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	14.3 71.4 85.7	38.8 73.5 66.3	39.1 65.2 51.0
53 54 <b>Shape and S</b> 55 56 57	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	14.3 71.4 85.7 92.9	38.8 73.5 66.3 83.7	39.1 65.2 51.0 75.3
53 54 <b>Shape and S</b> 55 56 57 58	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	14.3 71.4 85.7 92.9 64.3	38.8 73.5 66.3 83.7 68.4	39.1           65.2           51.0           75.3           68.8
53 54 <b>Shape and S</b> 55 56 57 58 59	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	14.3 71.4 85.7 92.9 64.3 85.7	38.8 73.5 66.3 83.7 68.4 61.2	39.1           65.2           51.0           75.3           68.8           63.7
53 54 <b>Shape and S</b> 55 56 57 58	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	14.3 71.4 85.7 92.9 64.3	38.8 73.5 66.3 83.7 68.4	39.1           65.2           51.0           75.3           68.8
53 54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b>	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	14.3 71.4 85.7 92.9 64.3 85.7 85.7	38.8         73.5         66.3         83.7         68.4         61.2         57.1	39.1           65.2           51.0           75.3           68.8           63.7           60.0
53 54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b> 61	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	14.3 71.4 85.7 92.9 64.3 85.7 85.7 100.0	38.8 73.5 66.3 83.7 68.4 61.2 57.1 98.0	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4
53 54 <i>Shape and S</i> 55 56 57 58 59 60 <i>Mental Math</i> 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	14.3 71.4 85.7 92.9 64.3 85.7 85.7 85.7 100.0 100.0	38.8 73.5 66.3 83.7 68.4 61.2 57.1 98.0 86.0	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7
53 54 Shape and S 55 56 57 58 59 60 Mental Math 61 62 63	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	14.3 71.4 85.7 92.9 64.3 85.7 85.7 100.0 100.0 85.7	38.8 73.5 66.3 83.7 68.4 61.2 57.1 98.0 98.0 86.0 90.0	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7
53 54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	14.3 71.4 85.7 92.9 64.3 85.7 85.7 100.0 100.0 85.7 85.7	38.8 73.5 66.3 83.7 68.4 61.2 57.1 98.0 98.0 98.0 90.0 90.0	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6
53 54 Shape and S 55 56 57 58 59 60 Mental Math 61 62 63	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	14.3 71.4 85.7 92.9 64.3 85.7 85.7 100.0 100.0 85.7	38.8 73.5 66.3 83.7 68.4 61.2 57.1 98.0 98.0 86.0 90.0	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7
53 54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 63 64 65	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	14.3 71.4 85.7 92.9 64.3 85.7 85.7 100.0 100.0 85.7 85.7 57.1 85.7	38.8 73.5 66.3 83.7 68.4 61.2 57.1 98.0 98.0 86.0 90.0 90.0 90.0 70.0 79.0	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6
53 54 <b>Shape and S</b> 55 56 57 58 59 60 <b>Mental Math</b> 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	14.3 71.4 85.7 92.9 64.3 85.7 85.7 100.0 100.0 85.7 85.7 85.7 85.7 85.7	38.8 73.5 66.3 83.7 68.4 61.2 57.1 98.0 98.0 98.0 98.0 90.0 90.0 90.0 70.0 79.0 88.0	39.1         65.2         51.0         75.3         68.8         63.7         60.0         87.4         76.7         59.7         64.6         39.7         64.6         61.3
53           54           Shape and S           55           56           57           58           59           60           Mental Math           61           62           63           64           65           66	6PR3 (L2) 5pace 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	14.3 71.4 85.7 92.9 64.3 85.7 85.7 100.0 100.0 85.7 85.7 57.1 85.7	38.8 73.5 66.3 83.7 68.4 61.2 57.1 98.0 98.0 86.0 90.0 90.0 90.0 70.0 79.0	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

District 804 - Native Federal

## School #: 018 Sheshatshiu Innu School, Sheshatshiu

Grades: K-12

ltem Number	Outcome(s) Cognitive Level	Outcome Description	School [N=24]	District [N=12]	<b>Provinc</b> [N=4,998
lumber Col	ncepts				
41	6N1 (L1)	Write a given number in written form	15.6	0.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	18.8	41.7	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	3.1	16.7	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	31.3	37.5	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	3.1	0.0	30.3
46	6N3 (L3)	Solve a problem involving factors	34.4	37.5	55.3
47	6N7 (L3)	Compare the value of two given integers	28.1	37.5	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	3.1	4.2	46.4
Patterns an	d Relations				
49	6PR4 (L2)	Represent an equivalent equation for a given equation	14.3	66.7	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	7.1	0.0	30.2
51	6PR2 (L2)	Create a table of values for a given situation	17.9	50.0	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	17.9	29.2	59.5
50	6PR3 (L2)	Write a pattern rule for a given problem	3.6	12.5	36.3
53		······			
53	6PR3 (L2)	Represent a pattern rule as a mathematical expression	0.0	41.7	39.1
54	6PR3 (L2)			41.7 58.3	<u>39.1</u> 65.2
54 hape and S	6PR3 (L2) Space	Represent a pattern rule as a mathematical expression	0.0		
54 hape and \$ 55	6PR3 (L2) <b>Space</b> 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	0.0 31.6	58.3	65.2
54 hape and \$ 55 56	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	0.0 31.6 42.1	58.3 50.0	65.2 51.0
54 hape and \$ 55 56 57	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	0.0 31.6 42.1 73.7	58.3 50.0 33.3	65.2 51.0 75.3 68.8
54 hape and \$ 55 56 57 58	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	0.0 31.6 42.1 73.7 39.5	58.3 50.0 33.3 45.8	65.2 51.0 75.3
54 <b>Chape and S</b> 55 56 57 58 59	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	0.0 31.6 42.1 73.7 39.5 5.3	58.3 50.0 33.3 45.8 12.5	65.2 51.0 75.3 68.8 63.7
54 hape and \$ 55 56 57 58 59 60	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	0.0 31.6 42.1 73.7 39.5 5.3	58.3 50.0 33.3 45.8 12.5	65.2 51.0 75.3 68.8 63.7
54 <i>hape and</i> 55 56 57 58 59 60 <i>Mental Math</i>	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	0.0 31.6 42.1 73.7 39.5 5.3 7.9	58.3 50.0 33.3 45.8 12.5 8.3	65.2 51.0 75.3 68.8 63.7 60.0
54 55 56 57 58 59 60 Mental Math 61	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	0.0 31.6 42.1 73.7 39.5 5.3 7.9 87.5	58.3 50.0 33.3 45.8 12.5 8.3	65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 55 56 57 58 59 60 Mental Math 61 62	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	0.0 31.6 42.1 73.7 39.5 5.3 7.9 87.5 37.5	58.3 50.0 33.3 45.8 12.5 8.3 100.0 50.0	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54 hape and \$ 55 56 57 58 59 60 Mental Math 61 62 63	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	0.0 31.6 42.1 73.7 39.5 5.3 7.9 87.5 37.5 18.8	58.3 50.0 33.3 45.8 12.5 8.3 100.0 50.0 16.7	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7
54 55 56 57 58 59 60 Mental Math 61 62 63 64	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	0.0 31.6 42.1 73.7 39.5 5.3 7.9 87.5 37.5 18.8 31.3	58.3 50.0 33.3 45.8 12.5 8.3 100.0 50.0 16.7 58.3	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6
54 hape and \$ 55 56 57 58 59 60 Mental Math 61 62 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	0.0 31.6 42.1 73.7 39.5 5.3 7.9 87.5 37.5 18.8 31.3 0.0	58.3 50.0 33.3 45.8 12.5 8.3 100.0 50.0 16.7 58.3 33.3	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7
54 hape and \$ 55 56 57 58 59 60 hental Math 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	0.0 31.6 42.1 73.7 39.5 5.3 7.9 87.5 37.5 18.8 31.3 0.0 31.3	58.3 50.0 33.3 45.8 12.5 8.3 100.0 50.0 16.7 58.3 33.3 33.3	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6
54 55 56 57 58 59 60 Mental Math 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	0.0 31.6 42.1 73.7 39.5 5.3 7.9 87.5 37.5 18.8 31.3 0.0 31.3 15.6	58.3 50.0 33.3 45.8 12.5 8.3 100.0 50.0 16.7 58.3 33.3 33.3 33.3 54.2	65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7 59.7 64.6 39.7 64.6 61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

#### District 804 - Native Federal

School #: 019 Mushuau Innu Natuashish School, Natuashish

Grades: K-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=17]	District [N=12]	<b>Provinc</b> [N=4,998
	200240				
umber Co	ncepts				
41	6N1 (L1)	Write a given number in written form	0.0	0.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	0.0	41.7	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	0.0	16.7	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	5.6	37.5	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	11.1	0.0	30.3
46	6N3 (L3)	Solve a problem involving factors	38.9	37.5	55.3
47	6N7 (L3)	Compare the value of two given integers	0.0	37.5	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	5.6	4.2	46.4
49	6PR4 (L2)	Represent an equivalent equation for a given equation	20.0	66.7	63.6
50	6PR1 (L2)	Write a mathematical expression for a given situation	0.0	0.0	30.2
51	6PR2 (L2)	Create a table of values for a given situation	0.0	50.0	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	10.0	29.2	59.5
		Miller and the state of the sta	0.0	12.5	36.3
53	6PR3 (L2)	write a pattern rule for a given problem			
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	0.0	41.7	39.1
	6PR3 (L2)				
54 hape and s	6PR3 (L2) <u>Space</u>	Represent a pattern rule as a mathematical expression	0.0	41.7	39.1
54 hape and 5 55	6PR3 (L2) <b>Space</b> 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	0.0	41.7	39.1 65.2 51.0
54 hape and 3 55 56	6PR3 (L2) <u>Space</u> 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure Solve measurement problem involving volume	0.0 0.0 50.0	41.7 58.3 50.0	39.1 65.2 51.0 75.3
54 hape and 5 55 56 57	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	0.0 0.0 50.0 31.3	41.7 58.3 50.0 33.3	39.1 65.2 51.0 75.3 68.8
54 hape and 5 55 56 57 58	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	0.0 0.0 50.0 31.3 25.0	41.7 58.3 50.0 33.3 45.8	39.1 65.2 51.0 75.3 68.8 63.7
54 hape and 3 55 56 57 58 59 60	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations	0.0 0.0 50.0 31.3 25.0 6.3 0.0	41.7 58.3 50.0 33.3 45.8 12.5 8.3	39.1 65.2 51.0 75.3 68.8 63.7 60.0
54 hape and 3 55 56 57 58 59 60 60	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	0.0 0.0 50.0 31.3 25.0 6.3 0.0 36.4	41.7 58.3 50.0 33.3 45.8 12.5 8.3 100.0	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4
54 hape and 3 55 56 57 58 59 60 dental Math 61 62	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	0.0 0.0 50.0 31.3 25.0 6.3 0.0 36.4 0.0	41.7 58.3 50.0 33.3 45.8 12.5 8.3 100.0 50.0	39.1 65.2 51.0 75.3 68.8 63.7 60.0 87.4 76.7
54 hape and 3 55 56 57 58 59 60 dental Math 61 62 63	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction	0.0 0.0 50.0 31.3 25.0 6.3 0.0 36.4 0.0 0.0	41.7 58.3 50.0 33.3 45.8 12.5 8.3 100.0 50.0 16.7	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7
54 hape and 3 55 56 57 58 59 60 ental Math 61 62 63 64	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	0.0 0.0 50.0 31.3 25.0 6.3 0.0 36.4 0.0 0.0 0.0	41.7 58.3 50.0 33.3 45.8 12.5 8.3 100.0 100.0 50.0 16.7 58.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6
54 hape and 3 55 56 57 58 59 60 lental Math 61 62 63 64 65	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	0.0 0.0 50.0 31.3 25.0 6.3 0.0 36.4 0.0 0.0 0.0 0.0 0.0	41.7 58.3 50.0 33.3 45.8 12.5 8.3 12.5 8.3 100.0 50.0 16.7 58.3 33.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7
54 hape and 3 55 56 57 58 59 60 ental Math 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	0.0 0.0 50.0 31.3 25.0 6.3 0.0 36.4 0.0 0.0 0.0 0.0 0.0 0.0	41.7 58.3 50.0 33.3 45.8 12.5 8.3 12.5 8.3 100.0 50.0 16.7 58.3 33.3 33.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6
54 hape and 3 55 56 57 58 59 60 ental Math 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	0.0 0.0 50.0 31.3 25.0 6.3 0.0 36.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	41.7 58.3 50.0 33.3 45.8 12.5 8.3 12.5 8.3 12.5 8.3 100.0 50.0 16.7 58.3 33.3 33.3 33.3 54.2	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6           61.3
54 hape and 3 55 56 57 58 59 60 <b>bental Math</b> 61 62 63 64 65 66 67 68	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6S	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Represent the result of combining transformations         Give a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9         Apply the order of operations to solve a problem	0.0 0.0 50.0 31.3 25.0 6.3 0.0 36.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	41.7 58.3 50.0 33.3 45.8 12.5 8.3 100.0 50.0 16.7 58.3 33.3 33.3 54.2 0.0	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6           33.5
54 hape and 3 55 56 57 58 59 60 ental Math 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	0.0 0.0 50.0 31.3 25.0 6.3 0.0 36.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	41.7 58.3 50.0 33.3 45.8 12.5 8.3 12.5 8.3 12.5 8.3 100.0 50.0 16.7 58.3 33.3 33.3 33.3 54.2	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6           61.3

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Source: Division of Evaluation and Research, Department of Education



(Item Analysis: % of content answered correctly)

District 804 - Native Federal

School #: 376 Se't Anneway Kegnamogwom, Conne River

Grades: K-12

ltem Jumber	Outcome(s) Cognitive Level	Outcome Description	School [N=12]	District [N=12]	<b>Provinc</b> [N=4,998
umber Col	<u>ncepts</u>				
41	6N1 (L1)	Write a given number in written form	0.0	0.0	36.2
42	6N1 (L2)	Write numbers located betweeen two givien numbers	41.7	41.7	43.9
43	6N5 (L3)	Demonstrate an understanding of equivalent ratios	16.7	16.7	37.5
44	6N6 (L2)	Demonstrate an understanding of percent pictorially and symbolically	37.5	37.5	46.3
45	6N4 (L2)	Place mixed numbers and improper fractions on a number line	0.0	0.0	30.3
46	6N3 (L3)	Solve a problem involving factors	37.5	37.5	55.3
47	6N7 (L3)	Compare the value of two given integers	37.5	37.5	59.4
48	6N4 (L3)	Solve a problem that relates improper fractions to mixed numbers	4.2	4.2	46.4
<b>atterns an</b> 49	d <u>Relations</u> 6PR4 (L2)	Represent an equivalent equation for a given equation	66.7	66.7	63.6
50	6PR1 (L2)	Write a mathematical expression for a given equation	0.0	0.0	30.2
50	6PR2 (L2)	Create a table of values for a given situation	50.0	50.0	70.4
52	6PR2, 6SP1 (L2)	Graph a table of values using a linear graph	29.2	29.2	59.5
52	01 K2, 001 1 (L2)	Oraph a table of values using a linear graph			
50		Write a pattern rule for a given problem			
53 54	6PR3 (L2) 6PR3 (L2)	Write a pattern rule for a given problem Represent a pattern rule as a mathematical expression	<u>12.5</u> 41.7	12.5 41.7	36.3 39.1
54 hape and S	6PR3 (L2) <b>Space</b>	Represent a pattern rule as a mathematical expression	41.7	41.7	39.1
54 hape and 5 55	6PR3 (L2) <b>Space</b> 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	41.7 58.3	41.7	39.1 65.2
54 hape and S	6PR3 (L2) <u>Space</u> 6SS1 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume	41.7 58.3 50.0	41.7 58.3 50.0	39.1 65.2 51.0
54 hape and \$ 55 56	6PR3 (L2) <b>Space</b> 6SS1 (L2)	Represent a pattern rule as a mathematical expression Draw an angle of a given measure	41.7 58.3	41.7	39.1 65.2
54 hape and 5 55 56 57	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area	41.7 58.3 50.0 33.3	41.7 58.3 50.0 33.3	39.1 65.2 51.0 75.3
54 hape and 5 55 56 57 58	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle	41.7 58.3 50.0 33.3 45.8	41.7 58.3 50.0 33.3 45.8	39.1 65.2 51.0 75.3 68.8
54 hape and \$ 55 56 57 58 59	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations	41.7 58.3 50.0 33.3 45.8 12.5	41.7 58.3 50.0 33.3 45.8 12.5	39.1           65.2           51.0           75.3           68.8           63.7
54 hape and \$ 55 56 57 58 59 60 ental Math 61	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	41.7 58.3 50.0 33.3 45.8 12.5 8.3 100.0	41.7 58.3 50.0 33.3 45.8 12.5 8.3 100.0	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4
54 hape and \$ 55 56 57 58 59 60 ental Math 61 62	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) <b>b</b>	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	41.7 58.3 50.0 33.3 45.8 12.5 8.3	41.7 58.3 50.0 33.3 45.8 12.5 8.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0
54 hape and 5 55 56 57 58 59 60 60 <u>ental Math</u> 61 62 63	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact	41.7 58.3 50.0 33.3 45.8 12.5 8.3 100.0	41.7 58.3 50.0 33.3 45.8 12.5 8.3 100.0	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7
54 hape and \$ 55 56 57 58 59 60 ental Math 61 62	6PR3 (L2) <b>Space</b> 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6S	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio	41.7 58.3 50.0 33.3 45.8 12.5 8.3 100.0 50.0 16.7 58.3	41.7 58.3 50.0 33.3 45.8 12.5 8.3 100.0 100.0 50.0 16.7 58.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6
54 hape and 3 55 56 57 58 59 60 ental Math 61 62 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	41.7 58.3 50.0 33.3 45.8 12.5 8.3 12.5 8.3 100.0 50.0 16.7 58.3 33.3	41.7 58.3 50.0 33.3 45.8 12.5 8.3 12.5 8.3 100.0 50.0 16.7 58.3 33.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7
54 hape and 3 55 56 57 58 59 60 ental Math 61 62 63 63 64	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number	41.7 58.3 50.0 33.3 45.8 12.5 8.3 100.0 50.0 16.7 58.3	41.7 58.3 50.0 33.3 45.8 12.5 8.3 100.0 100.0 50.0 16.7 58.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6
54 hape and 3 55 56 57 58 59 60 ental Math 61 62 63 64 65	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9	41.7 58.3 50.0 33.3 45.8 12.5 8.3 12.5 8.3 100.0 50.0 16.7 58.3 33.3	41.7 58.3 50.0 33.3 45.8 12.5 8.3 12.5 8.3 100.0 50.0 16.7 58.3 33.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7
54 hape and 5 55 56 57 58 59 60 ental Math 61 62 63 64 65 66	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the product of a decimal number by a whole number	41.7 58.3 50.0 33.3 45.8 12.5 8.3 12.5 8.3 12.5 8.3 100.0 50.0 16.7 58.3 33.3 33.3 33.3	41.7 58.3 50.0 33.3 45.8 12.5 8.3 12.5 8.3 100.0 50.0 16.7 58.3 33.3 33.3	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6
54 hape and \$ 55 56 57 58 59 60 60 60 61 62 63 64 65 66 67	6PR3 (L2) Space 6SS1 (L2) 6SS3 (L2) 6SS3 (L2) 6SS4 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6SS6 (L2) 6N3 (L1) 6N5 (L2) 6N4 (L1) 6N8 (L2) 6N8 (L2) 6N8 (L2)	Represent a pattern rule as a mathematical expression         Draw an angle of a given measure         Solve measurement problem involving volume         Draw a rectangle for a given area         Draw a specified triangle         Represent the result of combining transformations         Represent the result of combining transformations         Solve a multiplication fact         Give an equivalent ratio for a given ratio         Give a mixed number for a given improper fraction         Find the product of a decimal number and a whole number         Solve a problem for division of decimals by a divisor from 1 to 9         Estimate the quotient for division of decimals by a divisor from 1 to 9	41.7 58.3 50.0 33.3 45.8 12.5 8.3 12.5 8.3 12.5 8.3 12.5 8.3 12.5 8.3 12.5 8.3 12.5 8.3 12.5 8.3 12.5 8.3 33.3 33.3 33.3 54.2	41.7 58.3 50.0 33.3 45.8 12.5 8.3 12.5 8.3 12.5 8.3 100.0 50.0 16.7 58.3 33.3 33.3 33.3 54.2	39.1           65.2           51.0           75.3           68.8           63.7           60.0           87.4           76.7           59.7           64.6           39.7           64.6           61.3

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Source: Division of Evaluation and Research, Department of Education