

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 1 - Labrador

School #: 007 Amos Comenius Memorial School, Hopedale  
 Grades: K-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=6]	School		District [N=124]	School		Province [N=2,518]
				Below	Above District		Below	Above Province	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	66.7	▼		71.4	▼		73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	79.2		▲	77.2	▼		82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	79.2		▲	56.7		▲	59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	54.2	▼		74.8	▼		82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	50.0	▼		57.3	▼		66.9
31A	9PR4 (L2)	Determine an inequality	33.3	▼		74.4	▼		79.8
31B	9PR4 (L2)	Graph a given inequality	16.7	▼		31.9	▼		31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	61.1		▲	34.7		▲	33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	0.0	▼		50.4	▼		64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	41.7	▼		52.2	▼		61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	58.3		▲	56.7	▼		69.4
36	9SS3 (L2)	Determine the scale factor	83.3		▲	71.0		▲	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	58.3	▼		75.4	▼		78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	41.7		▲	25.0	▼		46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 1 - Labrador

School #: 010 Menihek High School, Labrador City  
 Grades: 8-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=62]	School Below Above District	District [N=124]	School Below Above Province	Province [N=2,518]
<b><i>Number</i></b>							
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	75.0	▲	71.4	▲	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	77.8	▲	77.2	▼	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	61.7	▲	56.7	▲	59.7
<b><i>Patterns and Relations</i></b>							
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	79.8	▲	74.8	▼	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	66.1	▲	57.3	▼	66.9
31A	9PR4 (L2)	Determine an inequality	77.8	▲	74.4	▼	79.8
31B	9PR4 (L2)	Graph a given inequality	34.7	▲	31.9	▲	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	34.1	▼	34.7	▲	33.0
<b><i>Shape and Space</i></b>							
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	52.4	▲	50.4	▼	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	56.9	▲	52.2	▼	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	51.6	▼	56.7	▼	69.4
36	9SS3 (L2)	Determine the scale factor	69.3	▼	71.0	▼	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	79.0	▲	75.4	▲	78.9
<b><i>Statistics and Probability</i></b>							
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	20.2	▼	25.0	▼	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 1 - Labrador

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

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=2]	School Below Above District	District [N=124]	School Below Above Province	Province [N=2,518]	
<b><i>Number</i></b>								
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality	▲	71.4	▲	73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation		▲	77.2	▲	82.2	
28	9N6 (L3)	Estimate the square root of a positive rational number		▲	56.7	▲	59.7	
<b><i>Patterns and Relations</i></b>								
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations		▲	74.8	▼	82.4	
30	9PR3 (L2)	Identify an error in solving a linear equation		▲	57.3	▲	66.9	
31A	9PR4 (L2)	Determine an inequality		▲	74.4	▲	79.8	
31B	9PR4 (L2)	Graph a given inequality		▼	31.9	▼	31.1	
32	9PR6/7 (L3)	Solve a problem with polynomial expressions		▼	34.7	▼	33.0	
<b><i>Shape and Space</i></b>								
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▼	50.4	▼	64.2		
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▲	52.2	▲	61.8		
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	▲	56.7	▲	69.4		
36	9SS3 (L2)	Determine the scale factor	▲	71.0	▲	76.2		
37	9SS4 (L2)	Draw a 2-D shape to scale	▲	75.4	▲	78.9		
<b><i>Statistics and Probability</i></b>								
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	▲	25.0	▲	46.7		

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 1 - Labrador

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

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=5]	School Below Above District	District [N=124]	School Below Above Province	Province [N=2,518]
<b><u>Number</u></b>			School data with 5 or fewer students withheld for reasons of confidentiality				
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare		▼	71.4	▼	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation		▲	77.2	▼	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number		▲	56.7	▲	59.7
<b><u>Patterns and Relations</u></b>							
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations		▲	74.8	▼	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation		▲	57.3	▲	66.9
31A	9PR4 (L2)	Determine an inequality		▲	74.4	▲	79.8
31B	9PR4 (L2)	Graph a given inequality		▲	31.9	▲	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions		▲	34.7	▲	33.0
<b><u>Shape and Space</u></b>							
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▲	50.4	▲	64.2	
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▼	52.2	▼	61.8	
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	▲	56.7	▲	69.4	
36	9SS3 (L2)	Determine the scale factor	▼	71.0	▼	76.2	
37	9SS4 (L2)	Draw a 2-D shape to scale	▲	75.4	▲	78.9	
<b><u>Statistics and Probability</u></b>							
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	▼	25.0	▼	46.7	

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 1 - Labrador

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

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=6]	School Below Above District	District [N=124]	School Below Above Province	Province [N=2,518]
<b><i>Number</i></b>							
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	44.4	▼	71.4	▼	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	70.8	▼	77.2	▼	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	54.2	▼	56.7	▼	59.7
<b><i>Patterns and Relations</i></b>							
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	37.5	▼	74.8	▼	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	33.3	▼	57.3	▼	66.9
31A	9PR4 (L2)	Determine an inequality	66.7	▼	74.4	▼	79.8
31B	9PR4 (L2)	Graph a given inequality	8.3	▼	31.9	▼	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	16.7	▼	34.7	▼	33.0
<b><i>Shape and Space</i></b>							
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	50.0	▼	50.4	▼	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	29.2	▼	52.2	▼	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	16.7	▼	56.7	▼	69.4
36	9SS3 (L2)	Determine the scale factor	66.7	▼	71.0	▼	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	83.3	▲	75.4	▲	78.9
<b><i>Statistics and Probability</i></b>							
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	0.0	▼	25.0	▼	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

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**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 1 - Labrador

School #: 016 B.L. Morrison, Postville  
 Grades: K-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=1]	School		District [N=124]	School		Province [N=2,518]	
				Below District	Above District		Below Province	Above Province		
<b><i>Number</i></b>										
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality	▲		71.4	▲		73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation		▲		77.2	▲		82.2	
28	9N6 (L3)	Estimate the square root of a positive rational number		▲		56.7	▲		59.7	
<b><i>Patterns and Relations</i></b>										
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations		▲		74.8	▲		82.4	
30	9PR3 (L2)	Identify an error in solving a linear equation		▲		57.3	▲		66.9	
31A	9PR4 (L2)	Determine an inequality		▲		74.4	▲		79.8	
31B	9PR4 (L2)	Graph a given inequality		▲		31.9	▲		31.1	
32	9PR6/7 (L3)	Solve a problem with polynomial expressions		▼		34.7	▼		33.0	
<b><i>Shape and Space</i></b>										
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▲		50.4	▲		64.2		
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▲		52.2	▲		61.8		
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	▲		56.7	▲		69.4		
36	9SS3 (L2)	Determine the scale factor	▲		71.0	▲		76.2		
37	9SS4 (L2)	Draw a 2-D shape to scale	▲		75.4	▲		78.9		
<b><i>Statistics and Probability</i></b>										
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	▼		25.0	▼		46.7		

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 1 - Labrador

School #: 477 Mealy Mountain Collegiate, Happy Valley-Goose Bay  
 Grades: 8-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=42]	School		District [N=124]	School		Province [N=2,518]
				Below	Above		Below	Above	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	69.4	▼		71.4	▼		73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	75.0	▼		77.2	▼		82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	42.9	▼		56.7	▼		59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	75.0		▲	74.8	▼		82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	40.5	▼		57.3	▼		66.9
31A	9PR4 (L2)	Determine an inequality	73.8	▼		74.4	▼		79.8
31B	9PR4 (L2)	Graph a given inequality	27.4	▼		31.9	▼		31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	31.7	▼		34.7	▼		33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	47.6	▼		50.4	▼		64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	51.8	▼		52.2	▼		61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	66.1		▲	56.7	▼		69.4
36	9SS3 (L2)	Determine the scale factor	73.8		▲	71.0	▼		76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	67.9	▼		75.4	▼		78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	31.0		▲	25.0	▼		46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

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**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 2 - Western

School #: 022 William Gillett Academy, Charlottetown, LAB  
 Grades: K-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=3]	School Below Above District	District [N=446]	School Below Above Province	Province [N=2,518]	
<b><i>Number</i></b>								
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality	▼	75.7	▼	73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation		▼	84.6	▼	82.2	
28	9N6 (L3)	Estimate the square root of a positive rational number		▼	59.9	▼	59.7	
<b><i>Patterns and Relations</i></b>								
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations		▼	86.2	▼	82.4	
30	9PR3 (L2)	Identify an error in solving a linear equation		▼	70.6	▼	66.9	
31A	9PR4 (L2)	Determine an inequality		▼	82.2	▼	79.8	
31B	9PR4 (L2)	Graph a given inequality		▲	29.9	▲	31.1	
32	9PR6/7 (L3)	Solve a problem with polynomial expressions		▼	36.2	▲	33.0	
<b><i>Shape and Space</i></b>								
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▼	72.1	▲	64.2		
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▼	65.0	▼	61.8		
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	▼	70.6	▼	69.4		
36	9SS3 (L2)	Determine the scale factor	▲	76.5	▲	76.2		
37	9SS4 (L2)	Draw a 2-D shape to scale	▼	79.4	▼	78.9		
<b><i>Statistics and Probability</i></b>								
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	▲	54.2	▲	46.7		

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (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=1]	School Below Above District	District [N=446]	School Below Above Province	Province [N=2,518]	
<b><i>Number</i></b>								
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality	▲	75.7	▲	73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation		▲	84.6	▲	82.2	
28	9N6 (L3)	Estimate the square root of a positive rational number		▲	59.9	▲	59.7	
<b><i>Patterns and Relations</i></b>								
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations		▲	86.2	▲	82.4	
30	9PR3 (L2)	Identify an error in solving a linear equation		▲	70.6	▲	66.9	
31A	9PR4 (L2)	Determine an inequality		▲	82.2	▲	79.8	
31B	9PR4 (L2)	Graph a given inequality		▼	29.9	▼	31.1	
32	9PR6/7 (L3)	Solve a problem with polynomial expressions		▲	36.2	▲	33.0	
<b><i>Shape and Space</i></b>								
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▲	72.1	▲	64.2		
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▲	65.0	▲	61.8		
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	▲	70.6	▲	69.4		
36	9SS3 (L2)	Determine the scale factor	▲	76.5	▲	76.2		
37	9SS4 (L2)	Draw a 2-D shape to scale	▼	79.4	▼	78.9		
<b><i>Statistics and Probability</i></b>								
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	▲	54.2	▲	46.7		

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 2 - Western

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

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=4]	School Below Above District	District [N=446]	School Below Above Province	Province [N=2,518]	
<b><i>Number</i></b>								
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality	▼	75.7	▼	73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation		▼	84.6	▼	82.2	
28	9N6 (L3)	Estimate the square root of a positive rational number		▼	59.9	▼	59.7	
<b><i>Patterns and Relations</i></b>								
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations		▲	86.2	▲	82.4	
30	9PR3 (L2)	Identify an error in solving a linear equation		▼	70.6	▼	66.9	
31A	9PR4 (L2)	Determine an inequality		▲	82.2	▲	79.8	
31B	9PR4 (L2)	Graph a given inequality		▲	29.9	▲	31.1	
32	9PR6/7 (L3)	Solve a problem with polynomial expressions		▲	36.2	▲	33.0	
<b><i>Shape and Space</i></b>								
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▼	72.1	▼	64.2		
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▲	65.0	▲	61.8		
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	▲	70.6	▲	69.4		
36	9SS3 (L2)	Determine the scale factor	▲	76.5	▲	76.2		
37	9SS4 (L2)	Draw a 2-D shape to scale	▲	79.4	▲	78.9		
<b><i>Statistics and Probability</i></b>								
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	▲	54.2	▲	46.7		

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 2 - Western

School #: 027 Canon Richards Memorial Academy, Flower's Cove  
 Grades: K-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=6]	School		District [N=446]	School		Province [N=2,518]
				Below	Above District		Below	Above Province	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	75.0	▼		75.7		▲	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	50.0	▼		84.6	▼		82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	66.7		▲	59.9		▲	59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	66.7	▼		86.2	▼		82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	50.0	▼		70.6	▼		66.9
31A	9PR4 (L2)	Determine an inequality	66.7	▼		82.2	▼		79.8
31B	9PR4 (L2)	Graph a given inequality	50.0		▲	29.9		▲	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	30.6	▼		36.2	▼		33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	83.3		▲	72.1		▲	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	54.2	▼		65.0	▼		61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	41.7	▼		70.6	▼		69.4
36	9SS3 (L2)	Determine the scale factor	50.0	▼		76.5	▼		76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	50.0	▼		79.4	▼		78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	16.7	▼		54.2	▼		46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

11

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 2 - Western

School #: 040 St. Mary's AG, Mary's Harbour  
 Grades: K-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=3]	School		District [N=446]	School		Province [N=2,518]	
				Below	Above		Below	Above		
<b><i>Number</i></b>										
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality		▲	75.7		▲	73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation			▲	84.6		▲	82.2	
28	9N6 (L3)	Estimate the square root of a positive rational number			▼	59.9		▼	59.7	
<b><i>Patterns and Relations</i></b>										
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations			▲	86.2		▲	82.4	
30	9PR3 (L2)	Identify an error in solving a linear equation			▲	70.6		▲	66.9	
31A	9PR4 (L2)	Determine an inequality			▲	82.2		▲	79.8	
31B	9PR4 (L2)	Graph a given inequality			▲	29.9		▲	31.1	
32	9PR6/7 (L3)	Solve a problem with polynomial expressions			▲	36.2		▲	33.0	
<b><i>Shape and Space</i></b>										
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem		▲	72.1		▲	64.2		
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem		▲	65.0		▲	61.8		
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons		▲	70.6		▲	69.4		
36	9SS3 (L2)	Determine the scale factor		▲	76.5		▲	76.2		
37	9SS4 (L2)	Draw a 2-D shape to scale		▲	79.4		▲	78.9		
<b><i>Statistics and Probability</i></b>										
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population		▲	54.2		▲	46.7		

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 2 - Western

School #: 041 Raymond Ward Memorial, Norman Bay  
 Grades: 6-7,9-10,12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=1]	School Below Above District	District [N=446]	School Below Above Province	Province [N=2,518]	
<b><u>Number</u></b>								
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality	▲	75.7	▲	73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation		▲	84.6	▲	82.2	
28	9N6 (L3)	Estimate the square root of a positive rational number		▲	59.9	▲	59.7	
<b><u>Patterns and Relations</u></b>								
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations		▲	86.2	▲	82.4	
30	9PR3 (L2)	Identify an error in solving a linear equation		▲	70.6	▲	66.9	
31A	9PR4 (L2)	Determine an inequality		▲	82.2	▲	79.8	
31B	9PR4 (L2)	Graph a given inequality		▲	29.9	▲	31.1	
32	9PR6/7 (L3)	Solve a problem with polynomial expressions		▼	36.2	▼	33.0	
<b><u>Shape and Space</u></b>								
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▲	72.1	▲	64.2		
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▲	65.0	▲	61.8		
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	▲	70.6	▲	69.4		
36	9SS3 (L2)	Determine the scale factor	▼	76.5	▼	76.2		
37	9SS4 (L2)	Draw a 2-D shape to scale	▲	79.4	▲	78.9		
<b><u>Statistics and Probability</u></b>								
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	▲	54.2	▲	46.7		

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 2 - Western

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

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=2]	School Below Above District	District [N=446]	School Below Above Province	Province [N=2,518]	
<b><i>Number</i></b>								
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality	▼	75.7	▼	73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation		▲	84.6	▲	82.2	
28	9N6 (L3)	Estimate the square root of a positive rational number		▲	59.9	▲	59.7	
<b><i>Patterns and Relations</i></b>								
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations		▲	86.2	▲	82.4	
30	9PR3 (L2)	Identify an error in solving a linear equation		▲	70.6	▲	66.9	
31A	9PR4 (L2)	Determine an inequality		▼	82.2	▼	79.8	
31B	9PR4 (L2)	Graph a given inequality		▼	29.9	▼	31.1	
32	9PR6/7 (L3)	Solve a problem with polynomial expressions		▲	36.2	▲	33.0	
<b><i>Shape and Space</i></b>								
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▲	72.1	▲	64.2		
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▲	65.0	▲	61.8		
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	▼	70.6	▼	69.4		
36	9SS3 (L2)	Determine the scale factor	▲	76.5	▲	76.2		
37	9SS4 (L2)	Draw a 2-D shape to scale	▲	79.4	▲	78.9		
<b><i>Statistics and Probability</i></b>								
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	▼	54.2	▲	46.7		

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 2 - Western

School #: 052 Harriot Curtis Collegiate, St. Anthony

Grades: 8-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=22]	School		District [N=446]	School		Province [N=2,518]
				Below	Above District		Below	Above Province	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	87.1		▲	75.7		▲	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	88.6		▲	84.6		▲	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	71.6		▲	59.9		▲	59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	92.0		▲	86.2		▲	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	90.9		▲	70.6		▲	66.9
31A	9PR4 (L2)	Determine an inequality	88.6		▲	82.2		▲	79.8
31B	9PR4 (L2)	Graph a given inequality	36.4		▲	29.9		▲	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	53.8		▲	36.2		▲	33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	77.3		▲	72.1		▲	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	72.7		▲	65.0		▲	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	79.5		▲	70.6		▲	69.4
36	9SS3 (L2)	Determine the scale factor	81.8		▲	76.5		▲	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	93.2		▲	79.4		▲	78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	56.8		▲	54.2		▲	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

15

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (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=8]	School		District [N=446]	School		Province [N=2,518]
				Below	Above		Below	Above	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	66.7	▼		75.7	▼		73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	100.0		▲	84.6		▲	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	71.9		▲	59.9		▲	59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	84.4	▼		86.2		▲	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	62.5	▼		70.6	▼		66.9
31A	9PR4 (L2)	Determine an inequality	84.4		▲	82.2		▲	79.8
31B	9PR4 (L2)	Graph a given inequality	37.5		▲	29.9		▲	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	12.5	▼		36.2	▼		33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	75.0		▲	72.1		▲	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	81.3		▲	65.0		▲	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	75.0		▲	70.6		▲	69.4
36	9SS3 (L2)	Determine the scale factor	75.0	▼		76.5	▼		76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	93.8		▲	79.4		▲	78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	56.3		▲	54.2		▲	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

16

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 2 - Western

School #: 062 G.C. Rowe Junior High, Corner Brook

Grades: 7-9

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=68]	School		District [N=446]	School		Province [N=2,518]
				Below	Above District		Below	Above Province	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	74.0	▼		75.7		▲	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	88.2		▲	84.6		▲	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	64.0		▲	59.9		▲	59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	92.3		▲	86.2		▲	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	75.0		▲	70.6		▲	66.9
31A	9PR4 (L2)	Determine an inequality	91.2		▲	82.2		▲	79.8
31B	9PR4 (L2)	Graph a given inequality	30.9		▲	29.9		▼	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	45.8		▲	36.2		▲	33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	80.2		▲	72.1		▲	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	71.0		▲	65.0		▲	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	85.3		▲	70.6		▲	69.4
36	9SS3 (L2)	Determine the scale factor	81.6		▲	76.5		▲	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	87.5		▲	79.4		▲	78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	40.4		▼	54.2		▼	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

17

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 2 - Western

School #: 067 Presentation Junior High, Corner Brook  
 Grades: 7-9

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=57]	School		District [N=446]	School		Province [N=2,518]
				Below	Above		Below	Above	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	81.6		▲	75.7		▲	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	86.8		▲	84.6		▲	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	72.4		▲	59.9		▲	59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	91.7		▲	86.2		▲	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	78.1		▲	70.6		▲	66.9
31A	9PR4 (L2)	Determine an inequality	89.5		▲	82.2		▲	79.8
31B	9PR4 (L2)	Graph a given inequality	29.0	▼		29.9	▼		31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	40.6		▲	36.2		▲	33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	79.0		▲	72.1		▲	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	63.2	▼		65.0		▲	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	83.3		▲	70.6		▲	69.4
36	9SS3 (L2)	Determine the scale factor	85.1		▲	76.5		▲	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	88.6		▲	79.4		▲	78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	59.7		▲	54.2		▲	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

18

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 2 - Western

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

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=4]	School Below Above District	District [N=446]	School Below Above Province	Province [N=2,518]	
<b><i>Number</i></b>								
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality	▲	75.7	▲	73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation		▼	84.6	▼	82.2	
28	9N6 (L3)	Estimate the square root of a positive rational number		▲	59.9	▲	59.7	
<b><i>Patterns and Relations</i></b>								
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations		▲	86.2	▲	82.4	
30	9PR3 (L2)	Identify an error in solving a linear equation		▲	70.6	▲	66.9	
31A	9PR4 (L2)	Determine an inequality		▲	82.2	▲	79.8	
31B	9PR4 (L2)	Graph a given inequality		▲	29.9	▲	31.1	
32	9PR6/7 (L3)	Solve a problem with polynomial expressions		▼	36.2	▼	33.0	
<b><i>Shape and Space</i></b>								
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▲	72.1	▲	64.2		
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▼	65.0	▼	61.8		
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	▼	70.6	▼	69.4		
36	9SS3 (L2)	Determine the scale factor	▼	76.5	▼	76.2		
37	9SS4 (L2)	Draw a 2-D shape to scale	▲	79.4	▲	78.9		
<b><i>Statistics and Probability</i></b>								
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	▲	54.2	▲	46.7		

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 2 - Western

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

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=6]	School Below Above District	District [N=446]	School Below Above Province	Province [N=2,518]
<b><i>Number</i></b>							
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	94.4	▲	75.7	▲	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	83.3	▼	84.6	▲	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	45.8	▼	59.9	▼	59.7
<b><i>Patterns and Relations</i></b>							
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	91.7	▲	86.2	▲	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	100.0	▲	70.6	▲	66.9
31A	9PR4 (L2)	Determine an inequality	91.7	▲	82.2	▲	79.8
31B	9PR4 (L2)	Graph a given inequality	41.7	▲	29.9	▲	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	55.6	▲	36.2	▲	33.0
<b><i>Shape and Space</i></b>							
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	66.7	▼	72.1	▲	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	66.7	▲	65.0	▲	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	66.7	▼	70.6	▼	69.4
36	9SS3 (L2)	Determine the scale factor	100.0	▲	76.5	▲	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	83.3	▲	79.4	▲	78.9
<b><i>Statistics and Probability</i></b>							
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	83.3	▲	54.2	▲	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

20

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 2 - Western

School #: 080 Templeton Academy, Meadows  
 Grades: K-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=18]	School Below Above District	District [N=446]	School Below Above Province	Province [N=2,518]
<b><i>Number</i></b>							
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	90.7	▲	75.7	▲	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	94.4	▲	84.6	▲	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	65.3	▲	59.9	▲	59.7
<b><i>Patterns and Relations</i></b>							
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	95.8	▲	86.2	▲	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	80.6	▲	70.6	▲	66.9
31A	9PR4 (L2)	Determine an inequality	93.1	▲	82.2	▲	79.8
31B	9PR4 (L2)	Graph a given inequality	30.6	▲	29.9	▼	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	41.7	▲	36.2	▲	33.0
<b><i>Shape and Space</i></b>							
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	94.4	▲	72.1	▲	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	80.6	▲	65.0	▲	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	94.4	▲	70.6	▲	69.4
36	9SS3 (L2)	Determine the scale factor	94.4	▲	76.5	▲	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	91.7	▲	79.4	▲	78.9
<b><i>Statistics and Probability</i></b>							
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	61.1	▲	54.2	▲	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

21

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 2 - Western

School #: 083 Pasadena Academy, Pasadena  
 Grades: 7-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=19]	School Below Above District	District [N=446]	School Below Above Province	Province [N=2,518]
<b><i>Number</i></b>							
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	72.8	▼	75.7	▼	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	63.2	▼	84.6	▼	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	28.9	▼	59.9	▼	59.7
<b><i>Patterns and Relations</i></b>							
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	76.3	▼	86.2	▼	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	36.8	▼	70.6	▼	66.9
31A	9PR4 (L2)	Determine an inequality	57.9	▼	82.2	▼	79.8
31B	9PR4 (L2)	Graph a given inequality	26.3	▼	29.9	▼	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	33.3	▼	36.2	▲	33.0
<b><i>Shape and Space</i></b>							
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	68.4	▼	72.1	▲	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	51.3	▼	65.0	▼	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	63.2	▼	70.6	▼	69.4
36	9SS3 (L2)	Determine the scale factor	79.0	▲	76.5	▲	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	71.1	▼	79.4	▼	78.9
<b><i>Statistics and Probability</i></b>							
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	55.3	▲	54.2	▲	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

22

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 2 - Western

School #: 086 Gros Morne Academy, Rocky Harbour

Grades: K-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=8]	School Below Above District	District [N=446]	School Below Above Province	Province [N=2,518]
<b><i>Number</i></b>							
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	72.9	▼	75.7	▼	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	81.3	▼	84.6	▼	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	62.5	▲	59.9	▲	59.7
<b><i>Patterns and Relations</i></b>							
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	81.3	▼	86.2	▼	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	62.5	▼	70.6	▼	66.9
31A	9PR4 (L2)	Determine an inequality	84.4	▲	82.2	▲	79.8
31B	9PR4 (L2)	Graph a given inequality	43.8	▲	29.9	▲	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	47.9	▲	36.2	▲	33.0
<b><i>Shape and Space</i></b>							
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	75.0	▲	72.1	▲	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	75.0	▲	65.0	▲	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	68.8	▼	70.6	▼	69.4
36	9SS3 (L2)	Determine the scale factor	75.0	▼	76.5	▼	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	56.3	▼	79.4	▼	78.9
<b><i>Statistics and Probability</i></b>							
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	12.5	▼	54.2	▼	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

23

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 2 - Western

School #: 088 Main River Academy, Pollard's Point

Grades: K-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=4]	School Below Above District	District [N=446]	School Below Above Province	Province [N=2,518]	
<b><i>Number</i></b>								
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality	▼	75.7	▼	73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation		▲	84.6	▲	82.2	
28	9N6 (L3)	Estimate the square root of a positive rational number		▲	59.9	▲	59.7	
<b><i>Patterns and Relations</i></b>								
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations		▲	86.2	▲	82.4	
30	9PR3 (L2)	Identify an error in solving a linear equation		▲	70.6	▲	66.9	
31A	9PR4 (L2)	Determine an inequality		▼	82.2	▼	79.8	
31B	9PR4 (L2)	Graph a given inequality		▲	29.9	▲	31.1	
32	9PR6/7 (L3)	Solve a problem with polynomial expressions		▼	36.2	▲	33.0	
<b><i>Shape and Space</i></b>								
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▼	72.1	▼	64.2		
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▼	65.0	▼	61.8		
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	▼	70.6	▼	69.4		
36	9SS3 (L2)	Determine the scale factor	▼	76.5	▼	76.2		
37	9SS4 (L2)	Draw a 2-D shape to scale	▼	79.4	▼	78.9		
<b><i>Statistics and Probability</i></b>								
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	▲	54.2	▲	46.7		

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (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	School [N=3]	School Below Above District	District [N=446]	School Below Above Province	Province [N=2,518]	
<b><i>Number</i></b>								
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality	▲	75.7	▲	73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation		▼	84.6	▼	82.2	
28	9N6 (L3)	Estimate the square root of a positive rational number		▼	59.9	▼	59.7	
<b><i>Patterns and Relations</i></b>								
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations		▲	86.2	▲	82.4	
30	9PR3 (L2)	Identify an error in solving a linear equation		▼	70.6	▼	66.9	
31A	9PR4 (L2)	Determine an inequality		▲	82.2	▲	79.8	
31B	9PR4 (L2)	Graph a given inequality		▲	29.9	▲	31.1	
32	9PR6/7 (L3)	Solve a problem with polynomial expressions		▼	36.2	▲	33.0	
<b><i>Shape and Space</i></b>								
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▲	72.1	▲	64.2		
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▼	65.0	▼	61.8		
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	▼	70.6	▼	69.4		
36	9SS3 (L2)	Determine the scale factor	▲	76.5	▲	76.2		
37	9SS4 (L2)	Draw a 2-D shape to scale	▲	79.4	▲	78.9		
<b><i>Statistics and Probability</i></b>								
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	▲	54.2	▲	46.7		

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (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=6]	School		District [N=446]	School		Province [N=2,518]
				Below	Above District		Below	Above Province	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	88.9		▲	75.7		▲	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	83.3	▼		84.6		▲	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	91.7		▲	59.9		▲	59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	75.0	▼		86.2		▼	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	66.7	▼		70.6		▼	66.9
31A	9PR4 (L2)	Determine an inequality	70.8	▼		82.2		▼	79.8
31B	9PR4 (L2)	Graph a given inequality	25.0	▼		29.9		▼	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	13.9	▼		36.2		▼	33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	33.3	▼		72.1		▼	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	66.7		▲	65.0		▲	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	41.7	▼		70.6		▼	69.4
36	9SS3 (L2)	Determine the scale factor	33.3	▼		76.5		▼	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	66.7	▼		79.4		▼	78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	75.0		▲	54.2		▲	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

26

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (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=1]	School Below Above District	District [N=446]	School Below Above Province	Province [N=2,518]	
<b><i>Number</i></b>								
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality	▼	75.7	▼	73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation		▲	84.6	▲	82.2	
28	9N6 (L3)	Estimate the square root of a positive rational number		▼	59.9	▼	59.7	
<b><i>Patterns and Relations</i></b>								
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations		▲	86.2	▲	82.4	
30	9PR3 (L2)	Identify an error in solving a linear equation		▲	70.6	▲	66.9	
31A	9PR4 (L2)	Determine an inequality		▼	82.2	▼	79.8	
31B	9PR4 (L2)	Graph a given inequality		▲	29.9	▲	31.1	
32	9PR6/7 (L3)	Solve a problem with polynomial expressions		▼	36.2	▼	33.0	
<b><i>Shape and Space</i></b>								
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▲	72.1	▲	64.2		
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▼	65.0	▼	61.8		
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	▼	70.6	▼	69.4		
36	9SS3 (L2)	Determine the scale factor	▲	76.5	▲	76.2		
37	9SS4 (L2)	Draw a 2-D shape to scale	▼	79.4	▼	78.9		
<b><i>Statistics and Probability</i></b>								
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	▲	54.2	▲	46.7		

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 2 - Western

School #: 099 St. James' Regional High School, Channel-Port Aux Basques  
 Grades: 7-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=22]	School Below Above District	District [N=446]	School Below Above Province	Province [N=2,518]
<b><i>Number</i></b>							
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	57.6	▼	75.7	▼	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	72.7	▼	84.6	▼	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	38.6	▼	59.9	▼	59.7
<b><i>Patterns and Relations</i></b>							
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	64.8	▼	86.2	▼	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	52.3	▼	70.6	▼	66.9
31A	9PR4 (L2)	Determine an inequality	67.0	▼	82.2	▼	79.8
31B	9PR4 (L2)	Graph a given inequality	22.7	▼	29.9	▼	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	18.2	▼	36.2	▼	33.0
<b><i>Shape and Space</i></b>							
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	56.8	▼	72.1	▼	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	54.5	▼	65.0	▼	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	54.5	▼	70.6	▼	69.4
36	9SS3 (L2)	Determine the scale factor	52.3	▼	76.5	▼	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	63.6	▼	79.4	▼	78.9
<b><i>Statistics and Probability</i></b>							
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	34.1	▼	54.2	▼	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

28

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 2 - Western

School #: 102 All Saints All-Grade, Grey River  
 Grades: K-11,7-9,12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=2]	School Below Above District	District [N=446]	School Below Above Province	Province [N=2,518]	
<b><i>Number</i></b>								
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality	▼	75.7	▼	73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation		▼	84.6	▼	82.2	
28	9N6 (L3)	Estimate the square root of a positive rational number		▼	59.9	▼	59.7	
<b><i>Patterns and Relations</i></b>								
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations		▼	86.2	▼	82.4	
30	9PR3 (L2)	Identify an error in solving a linear equation		▼	70.6	▼	66.9	
31A	9PR4 (L2)	Determine an inequality		▼	82.2	▼	79.8	
31B	9PR4 (L2)	Graph a given inequality		▼	29.9	▼	31.1	
32	9PR6/7 (L3)	Solve a problem with polynomial expressions		▼	36.2	▼	33.0	
<b><i>Shape and Space</i></b>								
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▼	72.1	▼	64.2		
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▼	65.0	▼	61.8		
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	▼	70.6	▼	69.4		
36	9SS3 (L2)	Determine the scale factor	▼	76.5	▼	76.2		
37	9SS4 (L2)	Draw a 2-D shape to scale	▼	79.4	▼	78.9		
<b><i>Statistics and Probability</i></b>								
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	▼	54.2	▲	46.7		

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 2 - Western

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

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=2]	School Below Above District	District [N=446]	School Below Above Province	Province [N=2,518]	
<b><u>Number</u></b>								
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality	▲	75.7	▲	73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation		▲	84.6	▲	82.2	
28	9N6 (L3)	Estimate the square root of a positive rational number		▲	59.9	▲	59.7	
<b><u>Patterns and Relations</u></b>								
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations		▲	86.2	▲	82.4	
30	9PR3 (L2)	Identify an error in solving a linear equation		▼	70.6	▼	66.9	
31A	9PR4 (L2)	Determine an inequality		▲	82.2	▲	79.8	
31B	9PR4 (L2)	Graph a given inequality		▲	29.9	▲	31.1	
32	9PR6/7 (L3)	Solve a problem with polynomial expressions		▲	36.2	▲	33.0	
<b><u>Shape and Space</u></b>								
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▼	72.1	▼	64.2		
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▼	65.0	▲	61.8		
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	▼	70.6	▼	69.4		
36	9SS3 (L2)	Determine the scale factor	▲	76.5	▲	76.2		
37	9SS4 (L2)	Draw a 2-D shape to scale	▼	79.4	▼	78.9		
<b><u>Statistics and Probability</u></b>								
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	▲	54.2	▲	46.7		

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 2 - Western

School #: 104 Douglas Academy, La Poile  
 Grades: 1,7,9

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=3]	School Below Above District	District [N=446]	School Below Above Province	Province [N=2,518]	
<b><i>Number</i></b>								
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality	▲	75.7	▲	73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation		▲	84.6	▲	82.2	
28	9N6 (L3)	Estimate the square root of a positive rational number		▲	59.9	▲	59.7	
<b><i>Patterns and Relations</i></b>								
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations		▲	86.2	▲	82.4	
30	9PR3 (L2)	Identify an error in solving a linear equation		▲	70.6	▲	66.9	
31A	9PR4 (L2)	Determine an inequality		▲	82.2	▲	79.8	
31B	9PR4 (L2)	Graph a given inequality		▲	29.9	▲	31.1	
32	9PR6/7 (L3)	Solve a problem with polynomial expressions		▼	36.2	▼	33.0	
<b><i>Shape and Space</i></b>								
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▲	72.1	▲	64.2		
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▲	65.0	▲	61.8		
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	▲	70.6	▲	69.4		
36	9SS3 (L2)	Determine the scale factor	▲	76.5	▲	76.2		
37	9SS4 (L2)	Draw a 2-D shape to scale	▼	79.4	▼	78.9		
<b><i>Statistics and Probability</i></b>								
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	▼	54.2	▼	46.7		

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

31

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 2 - Western

School #: 110 Piccadilly Central High, Piccadilly  
 Grades: 9-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=19]	School Below Above District	District [N=446]	School Below Above Province	Province [N=2,518]
<b><i>Number</i></b>							
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	58.8	▼	75.7	▼	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	81.6	▼	84.6	▼	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	25.0	▼	59.9	▼	59.7
<b><i>Patterns and Relations</i></b>							
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	76.3	▼	86.2	▼	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	63.2	▼	70.6	▼	66.9
31A	9PR4 (L2)	Determine an inequality	73.7	▼	82.2	▼	79.8
31B	9PR4 (L2)	Graph a given inequality	34.2	▲	29.9	▲	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	30.7	▼	36.2	▼	33.0
<b><i>Shape and Space</i></b>							
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	63.2	▼	72.1	▼	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	61.8	▼	65.0	▲	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	68.4	▼	70.6	▼	69.4
36	9SS3 (L2)	Determine the scale factor	68.4	▼	76.5	▼	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	81.6	▲	79.4	▲	78.9
<b><i>Statistics and Probability</i></b>							
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	55.3	▲	54.2	▲	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

32

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 2 - Western

School #: 113 St. Boniface All Grade, Ramea  
 Grades: K-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=1]	School Below Above District	District [N=446]	School Below Above Province	Province [N=2,518]	
<b><i>Number</i></b>								
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality	▲	75.7	▲	73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation		▲	84.6	▲	82.2	
28	9N6 (L3)	Estimate the square root of a positive rational number		▲	59.9	▲	59.7	
<b><i>Patterns and Relations</i></b>								
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations		▲	86.2	▲	82.4	
30	9PR3 (L2)	Identify an error in solving a linear equation		▲	70.6	▲	66.9	
31A	9PR4 (L2)	Determine an inequality		▲	82.2	▲	79.8	
31B	9PR4 (L2)	Graph a given inequality		▲	29.9	▲	31.1	
32	9PR6/7 (L3)	Solve a problem with polynomial expressions		▲	36.2	▲	33.0	
<b><i>Shape and Space</i></b>								
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▲	72.1	▲	64.2		
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▲	65.0	▲	61.8		
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	▲	70.6	▲	69.4		
36	9SS3 (L2)	Determine the scale factor	▲	76.5	▲	76.2		
37	9SS4 (L2)	Draw a 2-D shape to scale	▲	79.4	▲	78.9		
<b><i>Statistics and Probability</i></b>								
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population		▼	54.2	▼	46.7	

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 2 - Western

School #: 116      Appalachia High School, St. George's  
 Grades: 9-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=10]	School Below Above District	District [N=446]	School Below Above Province	Province [N=2,518]
<b><i>Number</i></b>							
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	80.0	▲	75.7	▲	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	90.0	▲	84.6	▲	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	40.0	▼	59.9	▼	59.7
<b><i>Patterns and Relations</i></b>							
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	80.0	▼	86.2	▼	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	65.0	▼	70.6	▼	66.9
31A	9PR4 (L2)	Determine an inequality	77.5	▼	82.2	▼	79.8
31B	9PR4 (L2)	Graph a given inequality	20.0	▼	29.9	▼	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	28.3	▼	36.2	▼	33.0
<b><i>Shape and Space</i></b>							
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	80.0	▲	72.1	▲	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	62.5	▼	65.0	▲	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	60.0	▼	70.6	▼	69.4
36	9SS3 (L2)	Determine the scale factor	80.0	▲	76.5	▲	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	85.0	▲	79.4	▲	78.9
<b><i>Statistics and Probability</i></b>							
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	75.0	▲	54.2	▲	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

34

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 2 - Western

School #: 119 Stephenville High, Stephenville

Grades: 9-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=55]	School		District [N=446]	School		Province [N=2,518]
				Below	Above		Below	Above	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	74.9	▼		75.7		▲	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	81.4	▼		84.6	▼		82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	55.5	▼		59.9	▼		59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	81.4	▼		86.2	▼		82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	60.0	▼		70.6	▼		66.9
31A	9PR4 (L2)	Determine an inequality	77.3	▼		82.2	▼		79.8
31B	9PR4 (L2)	Graph a given inequality	20.9	▼		29.9	▼		31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	29.7	▼		36.2	▼		33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	73.6		▲	72.1		▲	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	66.4		▲	65.0		▲	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	56.8	▼		70.6	▼		69.4
36	9SS3 (L2)	Determine the scale factor	71.8	▼		76.5	▼		76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	72.7	▼		79.4	▼		78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	51.8	▼		54.2		▲	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

35

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 2 - Western

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

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=1]	School Below District	School Above District	District [N=446]	School Below Province	School Above Province	Province [N=2,518]	
<b><u>Number</u></b>										
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality	▲		75.7	▲		73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation		▲		84.6	▲		82.2	
28	9N6 (L3)	Estimate the square root of a positive rational number		▲		59.9	▲		59.7	
<b><u>Patterns and Relations</u></b>										
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations		▲		86.2	▲		82.4	
30	9PR3 (L2)	Identify an error in solving a linear equation		▲		70.6	▲		66.9	
31A	9PR4 (L2)	Determine an inequality		▲		82.2	▲		79.8	
31B	9PR4 (L2)	Graph a given inequality		▲		29.9	▲		31.1	
32	9PR6/7 (L3)	Solve a problem with polynomial expressions		▲		36.2	▲		33.0	
<b><u>Shape and Space</u></b>										
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▲		72.1	▲		64.2		
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▲		65.0	▲		61.8		
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	▲		70.6	▲		69.4		
36	9SS3 (L2)	Determine the scale factor	▲		76.5	▲		76.2		
37	9SS4 (L2)	Draw a 2-D shape to scale	▲		79.4	▲		78.9		
<b><u>Statistics and Probability</u></b>										
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	▲		54.2	▲		46.7		

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

36

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 2 - Western

School #: 387 Bayview Regional Collegiate, St. Lunaire

Grades: 7-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=6]	School		District [N=446]	School		Province [N=2,518]
				Below	Above District		Below	Above Province	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	58.3	▼		75.7	▼		73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	79.2	▼		84.6	▼		82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	62.5		▲	59.9		▲	59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	70.8	▼		86.2	▼		82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	33.3	▼		70.6	▼		66.9
31A	9PR4 (L2)	Determine an inequality	41.7	▼		82.2	▼		79.8
31B	9PR4 (L2)	Graph a given inequality	16.7	▼		29.9	▼		31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	5.6	▼		36.2	▼		33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	50.0	▼		72.1	▼		64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	41.7	▼		65.0	▼		61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	50.0	▼		70.6	▼		69.4
36	9SS3 (L2)	Determine the scale factor	66.7	▼		76.5	▼		76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	83.3		▲	79.4		▲	78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	66.7		▲	54.2		▲	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

37

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 2 - Western

School #: 388 Long Range Academy, Cow Head  
 Grades: K-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=6]	School		District [N=446]	School		Province [N=2,518]
				Below	Above		Below	Above	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	69.4	▼		75.7	▼		73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	66.7	▼		84.6	▼		82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	33.3	▼		59.9	▼		59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	83.3	▼		86.2		▲	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	83.3		▲	70.6		▲	66.9
31A	9PR4 (L2)	Determine an inequality	75.0	▼		82.2	▼		79.8
31B	9PR4 (L2)	Graph a given inequality	25.0	▼		29.9	▼		31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	16.7	▼		36.2	▼		33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	50.0	▼		72.1	▼		64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	41.7	▼		65.0	▼		61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	16.7	▼		70.6	▼		69.4
36	9SS3 (L2)	Determine the scale factor	66.7	▼		76.5	▼		76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	66.7	▼		79.4	▼		78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	16.7	▼		54.2	▼		46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

38

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 2 - Western

School #: 391      Xavier Junior High, Deer Lake  
 Grades: 6-9

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=33]	School Below Above District	District [N=446]	School Below Above Province	Province [N=2,518]
<b><i>Number</i></b>							
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	74.7	▼	75.7	▲	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	90.9	▲	84.6	▲	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	68.2	▲	59.9	▲	59.7
<b><i>Patterns and Relations</i></b>							
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	87.1	▲	86.2	▲	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	84.9	▲	70.6	▲	66.9
31A	9PR4 (L2)	Determine an inequality	83.3	▲	82.2	▲	79.8
31B	9PR4 (L2)	Graph a given inequality	31.8	▲	29.9	▲	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	44.4	▲	36.2	▲	33.0
<b><i>Shape and Space</i></b>							
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	62.1	▼	72.1	▼	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	59.1	▼	65.0	▼	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	77.3	▲	70.6	▲	69.4
36	9SS3 (L2)	Determine the scale factor	83.3	▲	76.5	▲	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	74.2	▼	79.4	▼	78.9
<b><i>Statistics and Probability</i></b>							
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	60.6	▲	54.2	▲	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

39

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 2 - Western

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

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=3]	School Below Above District	District [N=446]	School Below Above Province	Province [N=2,518]	
<b><i>Number</i></b>								
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality	▼	75.7	▼	73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation		▲	84.6	▲	82.2	
28	9N6 (L3)	Estimate the square root of a positive rational number		▼	59.9	▼	59.7	
<b><i>Patterns and Relations</i></b>								
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations		▼	86.2	▲	82.4	
30	9PR3 (L2)	Identify an error in solving a linear equation		▼	70.6	▼	66.9	
31A	9PR4 (L2)	Determine an inequality		▼	82.2	▼	79.8	
31B	9PR4 (L2)	Graph a given inequality		▼	29.9	▼	31.1	
32	9PR6/7 (L3)	Solve a problem with polynomial expressions		▼	36.2	▼	33.0	
<b><i>Shape and Space</i></b>								
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▼	72.1	▼	64.2		
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▲	65.0	▲	61.8		
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	▲	70.6	▲	69.4		
36	9SS3 (L2)	Determine the scale factor	▼	76.5	▼	76.2		
37	9SS4 (L2)	Draw a 2-D shape to scale	▼	79.4	▼	78.9		
<b><i>Statistics and Probability</i></b>								
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	▲	54.2	▲	46.7		

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

40

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (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]	School Below Above District	District [N=446]	School Below Above Province	Province [N=2,518]	
<b><i>Number</i></b>								
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality	▲	75.7	▲	73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation		▲	84.6	▲	82.2	
28	9N6 (L3)	Estimate the square root of a positive rational number		▲	59.9	▲	59.7	
<b><i>Patterns and Relations</i></b>								
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations		▲	86.2	▲	82.4	
30	9PR3 (L2)	Identify an error in solving a linear equation		▲	70.6	▲	66.9	
31A	9PR4 (L2)	Determine an inequality		▲	82.2	▲	79.8	
31B	9PR4 (L2)	Graph a given inequality		▲	29.9	▲	31.1	
32	9PR6/7 (L3)	Solve a problem with polynomial expressions		▲	36.2	▲	33.0	
<b><i>Shape and Space</i></b>								
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▲	72.1	▲	64.2		
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▲	65.0	▲	61.8		
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	▲	70.6	▲	69.4		
36	9SS3 (L2)	Determine the scale factor	▲	76.5	▲	76.2		
37	9SS4 (L2)	Draw a 2-D shape to scale	▲	79.4	▲	78.9		
<b><i>Statistics and Probability</i></b>								
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	▲	54.2	▲	46.7		

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 2 - Western

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

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=10]	School		District [N=446]	School		Province [N=2,518]
				Below	Above		Below	Above	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	83.3		▲	75.7		▲	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	85.0		▲	84.6		▲	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	75.0		▲	59.9		▲	59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	100.0		▲	86.2		▲	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	90.0		▲	70.6		▲	66.9
31A	9PR4 (L2)	Determine an inequality	92.5		▲	82.2		▲	79.8
31B	9PR4 (L2)	Graph a given inequality	40.0		▲	29.9		▲	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	10.0		▼	36.2		▼	33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	50.0		▼	72.1		▼	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	55.0		▼	65.0		▼	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	65.0		▼	70.6		▼	69.4
36	9SS3 (L2)	Determine the scale factor	70.0		▼	76.5		▼	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	70.0		▼	79.4		▼	78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	45.0		▼	54.2		▼	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

42

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 2 - Western

School #: 474 Cloud River Academy, Roddickton  
 Grades: K-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=2]	School Below Above District	District [N=446]	School Below Above Province	Province [N=2,518]	
<b><i>Number</i></b>								
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality	▲	75.7	▲	73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation		▲	84.6	▲	82.2	
28	9N6 (L3)	Estimate the square root of a positive rational number		▲	59.9	▲	59.7	
<b><i>Patterns and Relations</i></b>								
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations		▲	86.2	▲	82.4	
30	9PR3 (L2)	Identify an error in solving a linear equation		▲	70.6	▲	66.9	
31A	9PR4 (L2)	Determine an inequality		▲	82.2	▲	79.8	
31B	9PR4 (L2)	Graph a given inequality		▲	29.9	▲	31.1	
32	9PR6/7 (L3)	Solve a problem with polynomial expressions		▲	36.2	▲	33.0	
<b><i>Shape and Space</i></b>								
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▼	72.1	▼	64.2		
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▲	65.0	▲	61.8		
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	▲	70.6	▲	69.4		
36	9SS3 (L2)	Determine the scale factor	▼	76.5	▼	76.2		
37	9SS4 (L2)	Draw a 2-D shape to scale	▼	79.4	▼	78.9		
<b><i>Statistics and Probability</i></b>								
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	▼	54.2	▲	46.7		

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 2 - Western

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

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=4]	School Below Above District	District [N=446]	School Below Above Province	Province [N=2,518]	
<b><i>Number</i></b>								
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality	▲	75.7	▲	73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation		▼	84.6	▼	82.2	
28	9N6 (L3)	Estimate the square root of a positive rational number		▼	59.9	▼	59.7	
<b><i>Patterns and Relations</i></b>								
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations		▲	86.2	▲	82.4	
30	9PR3 (L2)	Identify an error in solving a linear equation		▼	70.6	▼	66.9	
31A	9PR4 (L2)	Determine an inequality		▲	82.2	▲	79.8	
31B	9PR4 (L2)	Graph a given inequality		▼	29.9	▼	31.1	
32	9PR6/7 (L3)	Solve a problem with polynomial expressions		▼	36.2	▼	33.0	
<b><i>Shape and Space</i></b>								
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▲	72.1	▲	64.2		
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▼	65.0	▼	61.8		
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	▲	70.6	▲	69.4		
36	9SS3 (L2)	Determine the scale factor	▼	76.5	▼	76.2		
37	9SS4 (L2)	Draw a 2-D shape to scale	▼	79.4	▼	78.9		
<b><i>Statistics and Probability</i></b>								
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	▲	54.2	▲	46.7		

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 2 - Western

School #: 487 Labrador Straits Academy, L'Anse au Loup  
 Grades: K-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=10]	School		District [N=446]	School		Province [N=2,518]
				Below	Above District		Below	Above Province	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	76.7		▲	75.7		▲	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	95.0		▲	84.6		▲	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	65.0		▲	59.9		▲	59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	80.0	▼		86.2	▼		82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	50.0	▼		70.6	▼		66.9
31A	9PR4 (L2)	Determine an inequality	80.0	▼		82.2		▲	79.8
31B	9PR4 (L2)	Graph a given inequality	25.0	▼		29.9	▼		31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	41.7		▲	36.2		▲	33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	70.0	▼		72.1		▲	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	57.5	▼		65.0	▼		61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	60.0	▼		70.6	▼		69.4
36	9SS3 (L2)	Determine the scale factor	70.0	▼		76.5	▼		76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	90.0		▲	79.4		▲	78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	65.0		▲	54.2		▲	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

45

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 2 - Western

School #: 488 French Shore Academy, Port Saunders

Grades: K-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=8]	School Below Above District	District [N=446]	School Below Above Province	Province [N=2,518]
<b><i>Number</i></b>							
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	66.7	▼	75.7	▼	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	87.5	▲	84.6	▲	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	68.8	▲	59.9	▲	59.7
<b><i>Patterns and Relations</i></b>							
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	93.8	▲	86.2	▲	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	68.8	▼	70.6	▲	66.9
31A	9PR4 (L2)	Determine an inequality	78.1	▼	82.2	▼	79.8
31B	9PR4 (L2)	Graph a given inequality	31.3	▲	29.9	▲	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	8.3	▼	36.2	▼	33.0
<b><i>Shape and Space</i></b>							
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	50.0	▼	72.1	▼	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	71.9	▲	65.0	▲	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	50.0	▼	70.6	▼	69.4
36	9SS3 (L2)	Determine the scale factor	50.0	▼	76.5	▼	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	75.0	▼	79.4	▼	78.9
<b><i>Statistics and Probability</i></b>							
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	25.0	▼	54.2	▼	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

46

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 125 Copper Ridge Academy, Baie Verte

Grades: K-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=16]	School		District [N=464]	School		Province [N=2,518]
				Below	Above District		Below	Above Province	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	77.1		▲	72.8		▲	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	81.3		▲	80.4		▼	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	34.4		▼	55.2		▼	59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	84.4		▲	80.2		▲	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	62.5		▼	64.1		▼	66.9
31A	9PR4 (L2)	Determine an inequality	87.5		▲	76.7		▲	79.8
31B	9PR4 (L2)	Graph a given inequality	31.3		▲	31.0		▲	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	26.0		▼	34.1		▼	33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	37.5		▼	64.6		▼	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	50.0		▼	62.2		▼	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	56.3		▼	66.4		▼	69.4
36	9SS3 (L2)	Determine the scale factor	62.5		▼	74.8		▼	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	68.8		▼	76.7		▼	78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	43.8		▲	39.9		▼	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

47

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 132 Botwood Collegiate, Botwood

Grades: 7-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=21]	School		District [N=464]	School		Province [N=2,518]
				Below	Above		Below	Above	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	65.9	▼		72.8	▼		73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	85.7		▲	80.4		▲	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	29.8	▼		55.2	▼		59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	84.5		▲	80.2		▲	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	42.9	▼		64.1	▼		66.9
31A	9PR4 (L2)	Determine an inequality	78.6		▲	76.7	▼		79.8
31B	9PR4 (L2)	Graph a given inequality	21.4	▼		31.0	▼		31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	29.4	▼		34.1	▼		33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	71.4		▲	64.6		▲	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	64.3		▲	62.2		▲	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	79.8		▲	66.4		▲	69.4
36	9SS3 (L2)	Determine the scale factor	69.1	▼		74.8	▼		76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	73.8	▼		76.7	▼		78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	42.9		▲	39.9	▼		46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

48

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 138 Victoria Academy, Gaultois  
 Grades: 2-10,12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=1]	School Below Above District	District [N=464]	School Below Above Province	Province [N=2,518]	
<b><i>Number</i></b>								
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality	▼	72.8	▼	73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation		▲	80.4	▲	82.2	
28	9N6 (L3)	Estimate the square root of a positive rational number		▲	55.2	▲	59.7	
<b><i>Patterns and Relations</i></b>								
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations		▲	80.2	▲	82.4	
30	9PR3 (L2)	Identify an error in solving a linear equation		▲	64.1	▲	66.9	
31A	9PR4 (L2)	Determine an inequality		▲	76.7	▲	79.8	
31B	9PR4 (L2)	Graph a given inequality		▲	31.0	▲	31.1	
32	9PR6/7 (L3)	Solve a problem with polynomial expressions		▲	34.1	▲	33.0	
<b><i>Shape and Space</i></b>								
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▲	64.6	▲	64.2		
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▲	62.2	▲	61.8		
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	▲	66.4	▲	69.4		
36	9SS3 (L2)	Determine the scale factor	▲	74.8	▲	76.2		
37	9SS4 (L2)	Draw a 2-D shape to scale	▲	76.7	▲	78.9		
<b><i>Statistics and Probability</i></b>								
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	▼	39.9	▼	46.7		

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

49

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 149 King Academy, Harbour Breton

Grades: 7-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=7]	School		District [N=464]	School		Province [N=2,518]
				Below	Above District		Below	Above Province	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	81.0		▲	72.8		▲	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	96.4		▲	80.4		▲	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	85.7		▲	55.2		▲	59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	100.0		▲	80.2		▲	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	92.9		▲	64.1		▲	66.9
31A	9PR4 (L2)	Determine an inequality	96.4		▲	76.7		▲	79.8
31B	9PR4 (L2)	Graph a given inequality	50.0		▲	31.0		▲	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	76.2		▲	34.1		▲	33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	71.4		▲	64.6		▲	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	67.9		▲	62.2		▲	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	85.7		▲	66.4		▲	69.4
36	9SS3 (L2)	Determine the scale factor	42.9	▼		74.8	▼		76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	100.0		▲	76.7		▲	78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	0.0	▼		39.9	▼		46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

50

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 151 John Watkins Academy, Hermitage

Grades: K-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=5]	School		District [N=464]	School		Province [N=2,518]	
				Below	Above		Below	Above		
<b><i>Number</i></b>										
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality		▲	72.8		▲	73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation			▲	80.4		▲	82.2	
28	9N6 (L3)	Estimate the square root of a positive rational number			▼	55.2		▼	59.7	
<b><i>Patterns and Relations</i></b>										
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations				▲	80.2		▲	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation			▼	64.1		▼	66.9	
31A	9PR4 (L2)	Determine an inequality				▲	76.7		▲	79.8
31B	9PR4 (L2)	Graph a given inequality				▲	31.0		▲	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions				▲	34.1		▲	33.0
<b><i>Shape and Space</i></b>										
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem		▼	64.6		▼	64.2		
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem			▲	62.2		▲	61.8	
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons			▲	66.4		▲	69.4	
36	9SS3 (L2)	Determine the scale factor			▲	74.8		▲	76.2	
37	9SS4 (L2)	Draw a 2-D shape to scale			▲	76.7		▲	78.9	
<b><i>Statistics and Probability</i></b>										
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population			▲	39.9		▼	46.7	

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 152 Valmont Academy, King's Point

Grades: K-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=6]	School		District [N=464]	School		Province [N=2,518]
				Below	Above District		Below	Above Province	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	83.3		▲	72.8		▲	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	100.0		▲	80.4		▲	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	100.0		▲	55.2		▲	59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	83.3		▲	80.2		▲	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	83.3		▲	64.1		▲	66.9
31A	9PR4 (L2)	Determine an inequality	66.7	▼		76.7	▼		79.8
31B	9PR4 (L2)	Graph a given inequality	25.0	▼		31.0	▼		31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	58.3		▲	34.1		▲	33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	83.3		▲	64.6		▲	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	79.2		▲	62.2		▲	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	75.0		▲	66.4		▲	69.4
36	9SS3 (L2)	Determine the scale factor	100.0		▲	74.8		▲	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	100.0		▲	76.7		▲	78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	41.7		▲	39.9		▼	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

52

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 153 Cape John Collegiate, La Scie

Grades: 7-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=6]	School Below Above District	District [N=464]	School Below Above Province	Province [N=2,518]
<b><i>Number</i></b>							
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	86.1	▲	72.8	▲	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	75.0	▼	80.4	▼	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	54.2	▼	55.2	▼	59.7
<b><i>Patterns and Relations</i></b>							
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	91.7	▲	80.2	▲	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	66.7	▲	64.1	▼	66.9
31A	9PR4 (L2)	Determine an inequality	83.3	▲	76.7	▲	79.8
31B	9PR4 (L2)	Graph a given inequality	33.3	▲	31.0	▲	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	22.2	▼	34.1	▼	33.0
<b><i>Shape and Space</i></b>							
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	66.7	▲	64.6	▲	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	45.8	▼	62.2	▼	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	50.0	▼	66.4	▼	69.4
36	9SS3 (L2)	Determine the scale factor	83.3	▲	74.8	▲	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	83.3	▲	76.7	▲	78.9
<b><i>Statistics and Probability</i></b>							
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	0.0	▼	39.9	▼	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

53

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 158 MSB Regional Academy, Middle Arm

Grades: K-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=6]	School Below Above District	District [N=464]	School Below Above Province	Province [N=2,518]
<b><i>Number</i></b>							
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	58.3	▼	72.8	▼	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	66.7	▼	80.4	▼	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	45.8	▼	55.2	▼	59.7
<b><i>Patterns and Relations</i></b>							
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	66.7	▼	80.2	▼	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	83.3	▲	64.1	▲	66.9
31A	9PR4 (L2)	Determine an inequality	79.2	▲	76.7	▼	79.8
31B	9PR4 (L2)	Graph a given inequality	33.3	▲	31.0	▲	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	11.1	▼	34.1	▼	33.0
<b><i>Shape and Space</i></b>							
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	33.3	▼	64.6	▼	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	66.7	▲	62.2	▲	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	62.5	▼	66.4	▼	69.4
36	9SS3 (L2)	Determine the scale factor	83.3	▲	74.8	▲	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	91.7	▲	76.7	▲	78.9
<b><i>Statistics and Probability</i></b>							
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	16.7	▼	39.9	▼	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

54

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 162 Dorset Collegiate, Pilley's Island

Grades: 7-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=15]	School		District [N=464]	School		Province [N=2,518]
				Below	Above District		Below	Above Province	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	74.4		▲	72.8		▲	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	93.3		▲	80.4		▲	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	60.0		▲	55.2		▲	59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	80.0	▼		80.2	▼		82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	56.7	▼		64.1	▼		66.9
31A	9PR4 (L2)	Determine an inequality	71.7	▼		76.7	▼		79.8
31B	9PR4 (L2)	Graph a given inequality	26.7	▼		31.0	▼		31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	18.9	▼		34.1	▼		33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	56.7	▼		64.6	▼		64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	73.3		▲	62.2		▲	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	46.7	▼		66.4	▼		69.4
36	9SS3 (L2)	Determine the scale factor	80.0		▲	74.8		▲	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	83.3		▲	76.7		▲	78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	6.7	▼		39.9	▼		46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

55

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 3 - Nova Central

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

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=5]	School Below Above District	District [N=464]	School Below Above Province	Province [N=2,518]	
<b><i>Number</i></b>								
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality	▼	72.8	▼	73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation		▼	80.4	▼	82.2	
28	9N6 (L3)	Estimate the square root of a positive rational number		▲	55.2	▲	59.7	
<b><i>Patterns and Relations</i></b>								
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations		▲	80.2	▲	82.4	
30	9PR3 (L2)	Identify an error in solving a linear equation		▲	64.1	▲	66.9	
31A	9PR4 (L2)	Determine an inequality		▲	76.7	▲	79.8	
31B	9PR4 (L2)	Graph a given inequality		▲	31.0	▲	31.1	
32	9PR6/7 (L3)	Solve a problem with polynomial expressions		▲	34.1	▲	33.0	
<b><i>Shape and Space</i></b>								
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▲	64.6	▲	64.2		
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▲	62.2	▲	61.8		
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	▲	66.4	▲	69.4		
36	9SS3 (L2)	Determine the scale factor	▲	74.8	▲	76.2		
37	9SS4 (L2)	Draw a 2-D shape to scale	▲	76.7	▲	78.9		
<b><i>Statistics and Probability</i></b>								
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	▲	39.9	▲	46.7		

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

56

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 171 Indian River High School, Springdale

Grades: 7-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=17]	School Below Above District	District [N=464]	School Below Above Province	Province [N=2,518]
<b><i>Number</i></b>							
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	64.7	▼	72.8	▼	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	76.5	▼	80.4	▼	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	22.1	▼	55.2	▼	59.7
<b><i>Patterns and Relations</i></b>							
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	82.4	▲	80.2	▼	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	58.8	▼	64.1	▼	66.9
31A	9PR4 (L2)	Determine an inequality	63.2	▼	76.7	▼	79.8
31B	9PR4 (L2)	Graph a given inequality	32.4	▲	31.0	▲	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	16.7	▼	34.1	▼	33.0
<b><i>Shape and Space</i></b>							
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	47.1	▼	64.6	▼	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	57.4	▼	62.2	▼	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	69.1	▲	66.4	▼	69.4
36	9SS3 (L2)	Determine the scale factor	64.7	▼	74.8	▼	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	55.9	▼	76.7	▼	78.9
<b><i>Statistics and Probability</i></b>							
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	5.9	▼	39.9	▼	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

57

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 177 Greenwood Academy, Campbellton

Grades: K-9

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=13]	School		District [N=464]	School		Province [N=2,518]
				Below	Above District		Below	Above Province	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	85.9		▲	72.8		▲	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	73.1	▼		80.4	▼		82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	78.8		▲	55.2		▲	59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	76.9	▼		80.2	▼		82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	69.2		▲	64.1		▲	66.9
31A	9PR4 (L2)	Determine an inequality	75.0	▼		76.7	▼		79.8
31B	9PR4 (L2)	Graph a given inequality	19.2	▼		31.0	▼		31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	48.7		▲	34.1		▲	33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	69.2		▲	64.6		▲	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	67.3		▲	62.2		▲	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	76.9		▲	66.4		▲	69.4
36	9SS3 (L2)	Determine the scale factor	84.6		▲	74.8		▲	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	84.6		▲	76.7		▲	78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	69.2		▲	39.9		▲	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

58

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 178 Phoenix Academy, Carmanville

Grades: K-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=6]	School		District [N=464]	School		Province [N=2,518]
				Below	Above District		Below	Above Province	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	77.8		▲	72.8		▲	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	100.0		▲	80.4		▲	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	79.2		▲	55.2		▲	59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	79.2	▼		80.2	▼		82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	58.3	▼		64.1	▼		66.9
31A	9PR4 (L2)	Determine an inequality	58.3	▼		76.7	▼		79.8
31B	9PR4 (L2)	Graph a given inequality	33.3		▲	31.0		▲	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	22.2	▼		34.1	▼		33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	66.7		▲	64.6		▲	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	54.2	▼		62.2	▼		61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	66.7		▲	66.4	▼		69.4
36	9SS3 (L2)	Determine the scale factor	33.3	▼		74.8	▼		76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	91.7		▲	76.7		▲	78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	83.3		▲	39.9		▲	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

59

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 3 - Nova Central

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

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=1]	School		District [N=464]	School		Province [N=2,518]	
				Below	Above		Below	Above		
<b><i>Number</i></b>										
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality		▲	72.8		▲	73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation			▲	80.4		▲	82.2	
28	9N6 (L3)	Estimate the square root of a positive rational number		▼		55.2	▼		59.7	
<b><i>Patterns and Relations</i></b>										
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations			▲	80.2		▲	82.4	
30	9PR3 (L2)	Identify an error in solving a linear equation			▲	64.1		▲	66.9	
31A	9PR4 (L2)	Determine an inequality		▼		76.7	▼		79.8	
31B	9PR4 (L2)	Graph a given inequality			▲	31.0		▲	31.1	
32	9PR6/7 (L3)	Solve a problem with polynomial expressions		▼		34.1		▲	33.0	
<b><i>Shape and Space</i></b>										
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▼		64.6	▼		64.2		
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem		▲	62.2		▲	61.8		
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons		▲	66.4		▲	69.4		
36	9SS3 (L2)	Determine the scale factor		▲	74.8		▲	76.2		
37	9SS4 (L2)	Draw a 2-D shape to scale		▲	76.7		▲	78.9		
<b><i>Statistics and Probability</i></b>										
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	▼		39.9	▼		46.7		

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

60

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 180 A. R. Scammell Academy, Change Islands  
 Grades: K-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=1]	School Below Above District	District [N=464]	School Below Above Province	Province [N=2,518]	
<b><i>Number</i></b>								
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality	▼	72.8	▼	73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation		▼	80.4	▼	82.2	
28	9N6 (L3)	Estimate the square root of a positive rational number		▼	55.2	▼	59.7	
<b><i>Patterns and Relations</i></b>								
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations		▲	80.2	▲	82.4	
30	9PR3 (L2)	Identify an error in solving a linear equation		▼	64.1	▼	66.9	
31A	9PR4 (L2)	Determine an inequality		▲	76.7	▲	79.8	
31B	9PR4 (L2)	Graph a given inequality		▲	31.0	▲	31.1	
32	9PR6/7 (L3)	Solve a problem with polynomial expressions		▼	34.1	▼	33.0	
<b><i>Shape and Space</i></b>								
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▼	64.6	▼	64.2		
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▼	62.2	▼	61.8		
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	▼	66.4	▼	69.4		
36	9SS3 (L2)	Determine the scale factor	▲	74.8	▲	76.2		
37	9SS4 (L2)	Draw a 2-D shape to scale	▲	76.7	▲	78.9		
<b><i>Statistics and Probability</i></b>								
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	▲	39.9	▲	46.7		

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

61

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 183 William Mercer Academy, Dover

Grades: K-9

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=12]	School		District [N=464]	School		Province [N=2,518]
				Below	Above District		Below	Above Province	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	87.5		▲	72.8		▲	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	100.0		▲	80.4		▲	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	83.3		▲	55.2		▲	59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	100.0		▲	80.2		▲	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	100.0		▲	64.1		▲	66.9
31A	9PR4 (L2)	Determine an inequality	91.7		▲	76.7		▲	79.8
31B	9PR4 (L2)	Graph a given inequality	41.7		▲	31.0		▲	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	51.4		▲	34.1		▲	33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	66.7		▲	64.6		▲	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	79.2		▲	62.2		▲	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	77.1		▲	66.4		▲	69.4
36	9SS3 (L2)	Determine the scale factor	91.7		▲	74.8		▲	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	95.8		▲	76.7		▲	78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	79.2		▲	39.9		▲	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

62

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (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=2]	School Below Above District	District [N=464]	School Below Above Province	Province [N=2,518]	
<b><i>Number</i></b>								
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality	▼	72.8	▼	73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation		▲	80.4	▲	82.2	
28	9N6 (L3)	Estimate the square root of a positive rational number		▼	55.2	▼	59.7	
<b><i>Patterns and Relations</i></b>								
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations		▼	80.2	▼	82.4	
30	9PR3 (L2)	Identify an error in solving a linear equation		▲	64.1	▲	66.9	
31A	9PR4 (L2)	Determine an inequality		▲	76.7	▲	79.8	
31B	9PR4 (L2)	Graph a given inequality		▼	31.0	▼	31.1	
32	9PR6/7 (L3)	Solve a problem with polynomial expressions		▼	34.1	▲	33.0	
<b><i>Shape and Space</i></b>								
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▲	64.6	▲	64.2		
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▲	62.2	▲	61.8		
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	▲	66.4	▲	69.4		
36	9SS3 (L2)	Determine the scale factor	▲	74.8	▲	76.2		
37	9SS4 (L2)	Draw a 2-D shape to scale	▲	76.7	▲	78.9		
<b><i>Statistics and Probability</i></b>								
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	▲	39.9	▲	46.7		

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

63

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 194 Gill Memorial Academy, Musgrave Harbour

Grades: K-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=10]	School Below Above District	District [N=464]	School Below Above Province	Province [N=2,518]
<b><i>Number</i></b>							
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	75.0	▲	72.8	▲	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	100.0	▲	80.4	▲	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	50.0	▼	55.2	▼	59.7
<b><i>Patterns and Relations</i></b>							
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	70.0	▼	80.2	▼	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	90.0	▲	64.1	▲	66.9
31A	9PR4 (L2)	Determine an inequality	95.0	▲	76.7	▲	79.8
31B	9PR4 (L2)	Graph a given inequality	45.0	▲	31.0	▲	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	45.0	▲	34.1	▲	33.0
<b><i>Shape and Space</i></b>							
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	30.0	▼	64.6	▼	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	50.0	▼	62.2	▼	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	65.0	▼	66.4	▼	69.4
36	9SS3 (L2)	Determine the scale factor	75.0	▲	74.8	▼	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	100.0	▲	76.7	▲	78.9
<b><i>Statistics and Probability</i></b>							
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	5.0	▼	39.9	▼	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

64

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 3 - Nova Central

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

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=1]	School		District [N=464]	School		Province [N=2,518]	
				Below	Above		Below	Above		
<b><i>Number</i></b>										
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality		▲	72.8		▲	73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation			▲	80.4		▲	82.2	
28	9N6 (L3)	Estimate the square root of a positive rational number			▲	55.2		▲	59.7	
<b><i>Patterns and Relations</i></b>										
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations			▲	80.2		▲	82.4	
30	9PR3 (L2)	Identify an error in solving a linear equation			▲	64.1		▲	66.9	
31A	9PR4 (L2)	Determine an inequality			▲	76.7		▲	79.8	
31B	9PR4 (L2)	Graph a given inequality			▲	31.0		▲	31.1	
32	9PR6/7 (L3)	Solve a problem with polynomial expressions			▲	34.1		▲	33.0	
<b><i>Shape and Space</i></b>										
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem		▲	64.6		▲	64.2		
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem		▲	62.2		▲	61.8		
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons		▲	66.4		▲	69.4		
36	9SS3 (L2)	Determine the scale factor		▲	74.8		▲	76.2		
37	9SS4 (L2)	Draw a 2-D shape to scale		▲	76.7		▲	78.9		
<b><i>Statistics and Probability</i></b>										
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population		▲	39.9		▲	46.7		

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 201 J.M. Olds Collegiate, Twillingate

Grades: 7-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=17]	School Below Above District	District [N=464]	School Below Above Province	Province [N=2,518]
<b><i>Number</i></b>							
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	58.8	▼	72.8	▼	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	60.3	▼	80.4	▼	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	72.1	▲	55.2	▲	59.7
<b><i>Patterns and Relations</i></b>							
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	64.7	▼	80.2	▼	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	88.2	▲	64.1	▲	66.9
31A	9PR4 (L2)	Determine an inequality	76.5	▼	76.7	▼	79.8
31B	9PR4 (L2)	Graph a given inequality	35.3	▲	31.0	▲	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	50.0	▲	34.1	▲	33.0
<b><i>Shape and Space</i></b>							
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	70.6	▲	64.6	▲	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	52.9	▼	62.2	▼	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	58.8	▼	66.4	▼	69.4
36	9SS3 (L2)	Determine the scale factor	64.7	▼	74.8	▼	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	73.5	▼	76.7	▼	78.9
<b><i>Statistics and Probability</i></b>							
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	11.8	▼	39.9	▼	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

66

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 204 Pearson Academy, Wesleyville

Grades: K-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=13]	School Below Above District	District [N=464]	School Below Above Province	Province [N=2,518]
<b><i>Number</i></b>							
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	71.8	▼	72.8	▼	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	80.8	▲	80.4	▼	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	50.0	▼	55.2	▼	59.7
<b><i>Patterns and Relations</i></b>							
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	90.4	▲	80.2	▲	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	57.7	▼	64.1	▼	66.9
31A	9PR4 (L2)	Determine an inequality	88.5	▲	76.7	▲	79.8
31B	9PR4 (L2)	Graph a given inequality	26.9	▼	31.0	▼	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	44.9	▲	34.1	▲	33.0
<b><i>Shape and Space</i></b>							
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	69.2	▲	64.6	▲	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	73.1	▲	62.2	▲	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	69.2	▲	66.4	▼	69.4
36	9SS3 (L2)	Determine the scale factor	84.6	▲	74.8	▲	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	80.8	▲	76.7	▲	78.9
<b><i>Statistics and Probability</i></b>							
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	34.6	▼	39.9	▼	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

67

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 206 Riverwood Academy, Wing's Point

Grades: K-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=11]	School Below Above District	District [N=464]	School Below Above Province	Province [N=2,518]
<b><i>Number</i></b>							
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	65.2	▼	72.8	▼	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	25.0	▼	80.4	▼	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	50.0	▼	55.2	▼	59.7
<b><i>Patterns and Relations</i></b>							
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	75.0	▼	80.2	▼	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	27.3	▼	64.1	▼	66.9
31A	9PR4 (L2)	Determine an inequality	52.3	▼	76.7	▼	79.8
31B	9PR4 (L2)	Graph a given inequality	9.1	▼	31.0	▼	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	12.1	▼	34.1	▼	33.0
<b><i>Shape and Space</i></b>							
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	59.1	▼	64.6	▼	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	25.0	▼	62.2	▼	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	45.5	▼	66.4	▼	69.4
36	9SS3 (L2)	Determine the scale factor	45.5	▼	74.8	▼	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	54.6	▼	76.7	▼	78.9
<b><i>Statistics and Probability</i></b>							
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	63.6	▲	39.9	▲	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

68

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 3 - Nova Central

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

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=3]	School		District [N=464]	School		Province [N=2,518]	
				Below	Above		Below	Above		
<b><i>Number</i></b>										
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality		▲	72.8		▲	73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation		▲	80.4	▲	82.2			
28	9N6 (L3)	Estimate the square root of a positive rational number		▲	55.2	▲	59.7			
<b><i>Patterns and Relations</i></b>										
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations		▲	80.2	▲	82.4			
30	9PR3 (L2)	Identify an error in solving a linear equation		▲	64.1	▼	66.9			
31A	9PR4 (L2)	Determine an inequality		▲	76.7	▲	79.8			
31B	9PR4 (L2)	Graph a given inequality		▲	31.0	▲	31.1			
32	9PR6/7 (L3)	Solve a problem with polynomial expressions		▲	34.1	▲	33.0			
<b><i>Shape and Space</i></b>										
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▲	64.6	▲	64.2				
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▲	62.2	▲	61.8				
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	▲	66.4	▲	69.4				
36	9SS3 (L2)	Determine the scale factor	▲	74.8	▲	76.2				
37	9SS4 (L2)	Draw a 2-D shape to scale	▲	76.7	▲	78.9				
<b><i>Statistics and Probability</i></b>										
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	▲	39.9	▲	46.7				

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 402 Leo Burke Academy, Bishop's Falls

Grades: 7-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=15]	School Below Above District	District [N=464]	School Below Above Province	Province [N=2,518]
<b><i>Number</i></b>							
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	61.1	▼	72.8	▼	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	86.7	▲	80.4	▲	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	60.0	▲	55.2	▲	59.7
<b><i>Patterns and Relations</i></b>							
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	75.0	▼	80.2	▼	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	46.7	▼	64.1	▼	66.9
31A	9PR4 (L2)	Determine an inequality	80.0	▲	76.7	▲	79.8
31B	9PR4 (L2)	Graph a given inequality	30.0	▼	31.0	▼	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	40.0	▲	34.1	▲	33.0
<b><i>Shape and Space</i></b>							
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	70.0	▲	64.6	▲	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	65.0	▲	62.2	▲	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	48.3	▼	66.4	▼	69.4
36	9SS3 (L2)	Determine the scale factor	60.0	▼	74.8	▼	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	56.7	▼	76.7	▼	78.9
<b><i>Statistics and Probability</i></b>							
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	43.3	▲	39.9	▼	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

70

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 3 - Nova Central

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

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=5]	School Below Above District	District [N=464]	School Below Above Province	Province [N=2,518]	
<b><i>Number</i></b>								
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality	▼	72.8	▼	73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation		▼	80.4	▼	82.2	
28	9N6 (L3)	Estimate the square root of a positive rational number		▼	55.2	▼	59.7	
<b><i>Patterns and Relations</i></b>								
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations		▼	80.2	▼	82.4	
30	9PR3 (L2)	Identify an error in solving a linear equation		▼	64.1	▼	66.9	
31A	9PR4 (L2)	Determine an inequality		▼	76.7	▼	79.8	
31B	9PR4 (L2)	Graph a given inequality		▼	31.0	▼	31.1	
32	9PR6/7 (L3)	Solve a problem with polynomial expressions		▼	34.1	▼	33.0	
<b><i>Shape and Space</i></b>								
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem		▲	64.6	▲	64.2	
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▼	62.2	▼	61.8		
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	▼	66.4	▼	69.4		
36	9SS3 (L2)	Determine the scale factor	▼	74.8	▼	76.2		
37	9SS4 (L2)	Draw a 2-D shape to scale	▼	76.7	▼	78.9		
<b><i>Statistics and Probability</i></b>								
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population		▲	39.9	▼	46.7	

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (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=4]	School		District [N=464]	School		Province [N=2,518]	
				Below	Above		Below	Above		
<b><i>Number</i></b>										
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality		▲	72.8		▲	73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation		▼		80.4	▼		82.2	
28	9N6 (L3)	Estimate the square root of a positive rational number			▲	55.2		▲	59.7	
<b><i>Patterns and Relations</i></b>										
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations			▲	80.2		▲	82.4	
30	9PR3 (L2)	Identify an error in solving a linear equation		▼		64.1	▼		66.9	
31A	9PR4 (L2)	Determine an inequality		▼		76.7	▼		79.8	
31B	9PR4 (L2)	Graph a given inequality		▼		31.0	▼		31.1	
32	9PR6/7 (L3)	Solve a problem with polynomial expressions		▼		34.1	▼		33.0	
<b><i>Shape and Space</i></b>										
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▼		64.6	▼		64.2		
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▼		62.2	▼		61.8		
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	▼		66.4	▼		69.4		
36	9SS3 (L2)	Determine the scale factor		▲	74.8		▲	76.2		
37	9SS4 (L2)	Draw a 2-D shape to scale	▼		76.7	▼		78.9		
<b><i>Statistics and Probability</i></b>										
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	▼		39.9	▼		46.7		

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (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=5]	School		District [N=464]	School		Province [N=2,518]	
				Below	Above		Below	Above		
<b><i>Number</i></b>										
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality		▲	72.8		▲	73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation		▼		80.4	▼		82.2	
28	9N6 (L3)	Estimate the square root of a positive rational number			▲	55.2		▲	59.7	
<b><i>Patterns and Relations</i></b>										
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations		▼		80.2	▼		82.4	
30	9PR3 (L2)	Identify an error in solving a linear equation			▲	64.1		▲	66.9	
31A	9PR4 (L2)	Determine an inequality			▲	76.7		▲	79.8	
31B	9PR4 (L2)	Graph a given inequality			▲	31.0		▲	31.1	
32	9PR6/7 (L3)	Solve a problem with polynomial expressions			▲	34.1		▲	33.0	
<b><i>Shape and Space</i></b>										
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem		▲	64.6		▲	64.2		
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem		▲	62.2		▲	61.8		
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons		▲	66.4		▲	69.4		
36	9SS3 (L2)	Determine the scale factor		▲	74.8		▲	76.2		
37	9SS4 (L2)	Draw a 2-D shape to scale		▲	76.7		▲	78.9		
<b><i>Statistics and Probability</i></b>										
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population		▲	39.9		▲	46.7		

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

73

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (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=9]	School Below Above District	District [N=464]	School Below Above Province	Province [N=2,518]
<b><i>Number</i></b>							
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	68.5	▼	72.8	▼	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	80.6	▲	80.4	▼	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	69.4	▲	55.2	▲	59.7
<b><i>Patterns and Relations</i></b>							
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	83.3	▲	80.2	▲	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	77.8	▲	64.1	▲	66.9
31A	9PR4 (L2)	Determine an inequality	77.8	▲	76.7	▼	79.8
31B	9PR4 (L2)	Graph a given inequality	27.8	▼	31.0	▼	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	38.9	▲	34.1	▲	33.0
<b><i>Shape and Space</i></b>							
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	77.8	▲	64.6	▲	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	58.3	▼	62.2	▼	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	55.6	▼	66.4	▼	69.4
36	9SS3 (L2)	Determine the scale factor	77.8	▲	74.8	▲	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	77.8	▲	76.7	▼	78.9
<b><i>Statistics and Probability</i></b>							
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	27.8	▼	39.9	▼	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

74

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 413 Holy Cross School Complex, Eastport

Grades: K-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=1]	School Below Above District	District [N=464]	School Below Above Province	Province [N=2,518]	
<b><u>Number</u></b>								
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality	▲	72.8	▲	73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation		▲	80.4	▲	82.2	
28	9N6 (L3)	Estimate the square root of a positive rational number		▲	55.2	▲	59.7	
<b><u>Patterns and Relations</u></b>								
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations		▲	80.2	▲	82.4	
30	9PR3 (L2)	Identify an error in solving a linear equation		▼	64.1	▼	66.9	
31A	9PR4 (L2)	Determine an inequality		▲	76.7	▲	79.8	
31B	9PR4 (L2)	Graph a given inequality		▲	31.0	▲	31.1	
32	9PR6/7 (L3)	Solve a problem with polynomial expressions		▲	34.1	▲	33.0	
<b><u>Shape and Space</u></b>								
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▲	64.6	▲	64.2		
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▲	62.2	▲	61.8		
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	▲	66.4	▲	69.4		
36	9SS3 (L2)	Determine the scale factor	▲	74.8	▲	76.2		
37	9SS4 (L2)	Draw a 2-D shape to scale	▼	76.7	▼	78.9		
<b><u>Statistics and Probability</u></b>								
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	▲	39.9	▲	46.7		

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

75

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 3 - Nova Central

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

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=11]	School Below Above District	District [N=464]	School Below Above Province	Province [N=2,518]
<b><i>Number</i></b>							
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	74.2	▲	72.8	▲	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	63.6	▼	80.4	▼	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	52.3	▼	55.2	▼	59.7
<b><i>Patterns and Relations</i></b>							
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	72.7	▼	80.2	▼	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	54.6	▼	64.1	▼	66.9
31A	9PR4 (L2)	Determine an inequality	63.6	▼	76.7	▼	79.8
31B	9PR4 (L2)	Graph a given inequality	27.3	▼	31.0	▼	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	37.9	▲	34.1	▲	33.0
<b><i>Shape and Space</i></b>							
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	54.6	▼	64.6	▼	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	63.6	▲	62.2	▲	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	63.6	▼	66.4	▼	69.4
36	9SS3 (L2)	Determine the scale factor	63.6	▼	74.8	▼	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	68.2	▼	76.7	▼	78.9
<b><i>Statistics and Probability</i></b>							
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	63.6	▲	39.9	▲	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

76

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 416 Smallwood Academy, Gambo

Grades: K-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=12]	School Below Above District	District [N=464]	School Below Above Province	Province [N=2,518]
<b><i>Number</i></b>							
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	62.5	▼	72.8	▼	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	79.2	▼	80.4	▼	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	12.5	▼	55.2	▼	59.7
<b><i>Patterns and Relations</i></b>							
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	58.3	▼	80.2	▼	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	41.7	▼	64.1	▼	66.9
31A	9PR4 (L2)	Determine an inequality	52.1	▼	76.7	▼	79.8
31B	9PR4 (L2)	Graph a given inequality	29.2	▼	31.0	▼	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	16.7	▼	34.1	▼	33.0
<b><i>Shape and Space</i></b>							
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	8.3	▼	64.6	▼	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	37.5	▼	62.2	▼	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	29.2	▼	66.4	▼	69.4
36	9SS3 (L2)	Determine the scale factor	70.8	▼	74.8	▼	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	45.8	▼	76.7	▼	78.9
<b><i>Statistics and Probability</i></b>							
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	12.5	▼	39.9	▼	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

77

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 420 St. Paul's Intermediate School, Gander

Grades: 7-9

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=67]	School Below Above District	District [N=464]	School Below Above Province	Province [N=2,518]
<b><i>Number</i></b>							
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	70.4	▼	72.8	▼	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	84.7	▲	80.4	▲	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	56.7	▲	55.2	▼	59.7
<b><i>Patterns and Relations</i></b>							
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	87.7	▲	80.2	▲	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	73.1	▲	64.1	▲	66.9
31A	9PR4 (L2)	Determine an inequality	85.5	▲	76.7	▲	79.8
31B	9PR4 (L2)	Graph a given inequality	40.3	▲	31.0	▲	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	38.6	▲	34.1	▲	33.0
<b><i>Shape and Space</i></b>							
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	72.4	▲	64.6	▲	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	66.8	▲	62.2	▲	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	78.7	▲	66.4	▲	69.4
36	9SS3 (L2)	Determine the scale factor	78.4	▲	74.8	▲	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	82.8	▲	76.7	▲	78.9
<b><i>Statistics and Probability</i></b>							
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	56.7	▲	39.9	▲	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

78

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (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	School [N=8]	School		District [N=464]	School		Province [N=2,518]
				Below	Above District		Below	Above Province	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	81.3		▲	72.8		▲	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	81.3		▲	80.4		▼	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	75.0		▲	55.2		▲	59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	93.8		▲	80.2		▲	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	62.5		▼	64.1		▼	66.9
31A	9PR4 (L2)	Determine an inequality	81.3		▲	76.7		▲	79.8
31B	9PR4 (L2)	Graph a given inequality	50.0		▲	31.0		▲	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	64.6		▲	34.1		▲	33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	56.3		▼	64.6		▼	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	68.8		▲	62.2		▲	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	71.9		▲	66.4		▲	69.4
36	9SS3 (L2)	Determine the scale factor	75.0		▲	74.8		▼	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	81.3		▲	76.7		▲	78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	100.0		▲	39.9		▲	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

79

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 422 Glovertown Academy, Glovertown

Grades: K-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=15]	School Below Above District	District [N=464]	School Below Above Province	Province [N=2,518]
<b><i>Number</i></b>							
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	70.0	▼	72.8	▼	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	53.3	▼	80.4	▼	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	28.3	▼	55.2	▼	59.7
<b><i>Patterns and Relations</i></b>							
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	58.3	▼	80.2	▼	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	53.3	▼	64.1	▼	66.9
31A	9PR4 (L2)	Determine an inequality	51.7	▼	76.7	▼	79.8
31B	9PR4 (L2)	Graph a given inequality	6.7	▼	31.0	▼	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	3.3	▼	34.1	▼	33.0
<b><i>Shape and Space</i></b>							
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	80.0	▲	64.6	▲	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	45.0	▼	62.2	▼	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	45.0	▼	66.4	▼	69.4
36	9SS3 (L2)	Determine the scale factor	56.7	▼	74.8	▼	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	76.7	▼	76.7	▼	78.9
<b><i>Statistics and Probability</i></b>							
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	36.7	▼	39.9	▼	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

80

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 426 Hillview Academy, Norris Arm

Grades: K-9

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=7]	School		District [N=464]	School		Province [N=2,518]
				Below	Above District		Below	Above Province	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	85.7		▲	72.8		▲	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	78.6	▼		80.4	▼		82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	53.6	▼		55.2	▼		59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	71.4	▼		80.2	▼		82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	85.7		▲	64.1		▲	66.9
31A	9PR4 (L2)	Determine an inequality	67.9	▼		76.7	▼		79.8
31B	9PR4 (L2)	Graph a given inequality	28.6	▼		31.0	▼		31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	40.5		▲	34.1		▲	33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	85.7		▲	64.6		▲	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	46.4	▼		62.2	▼		61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	71.4		▲	66.4		▲	69.4
36	9SS3 (L2)	Determine the scale factor	71.4	▼		74.8	▼		76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	64.3	▼		76.7	▼		78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	14.3	▼		39.9	▼		46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

81

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 478 New World Island Academy, Summerford

Grades: K-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=15]	School Below Above District	District [N=464]	School Below Above Province	Province [N=2,518]
<b><i>Number</i></b>							
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	84.4	▲	72.8	▲	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	80.0	▼	80.4	▼	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	58.3	▲	55.2	▼	59.7
<b><i>Patterns and Relations</i></b>							
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	83.3	▲	80.2	▲	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	80.0	▲	64.1	▲	66.9
31A	9PR4 (L2)	Determine an inequality	88.3	▲	76.7	▲	79.8
31B	9PR4 (L2)	Graph a given inequality	43.3	▲	31.0	▲	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	33.3	▼	34.1	▲	33.0
<b><i>Shape and Space</i></b>							
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	80.0	▲	64.6	▲	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	68.3	▲	62.2	▲	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	76.7	▲	66.4	▲	69.4
36	9SS3 (L2)	Determine the scale factor	86.7	▲	74.8	▲	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	80.0	▲	76.7	▲	78.9
<b><i>Statistics and Probability</i></b>							
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	46.7	▲	39.9	▼	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

82

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 481 Exploits Valley Intermediate, Grand Falls-Windsor

Grades: 7-9

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=76]	School Below Above District	District [N=464]	School Below Above Province	Province [N=2,518]
<b><i>Number</i></b>							
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	71.5	▼	72.8	▼	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	83.6	▲	80.4	▲	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	62.8	▲	55.2	▲	59.7
<b><i>Patterns and Relations</i></b>							
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	80.3	▲	80.2	▼	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	57.9	▼	64.1	▼	66.9
31A	9PR4 (L2)	Determine an inequality	75.0	▼	76.7	▼	79.8
31B	9PR4 (L2)	Graph a given inequality	25.0	▼	31.0	▼	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	30.0	▼	34.1	▼	33.0
<b><i>Shape and Space</i></b>							
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	66.5	▲	64.6	▲	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	66.4	▲	62.2	▲	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	69.7	▲	66.4	▲	69.4
36	9SS3 (L2)	Determine the scale factor	79.6	▲	74.8	▲	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	78.3	▲	76.7	▼	78.9
<b><i>Statistics and Probability</i></b>							
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	25.0	▼	39.9	▼	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

83

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 3 - Nova Central

School #: 486 Lewisporte Intermediate, Lewisporte

Grades: 7-9

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=19]	School Below Above District	District [N=464]	School Below Above Province	Province [N=2,518]
<b><i>Number</i></b>							
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	77.2	▲	72.8	▲	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	78.9	▼	80.4	▼	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	44.7	▼	55.2	▼	59.7
<b><i>Patterns and Relations</i></b>							
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	63.2	▼	80.2	▼	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	50.0	▼	64.1	▼	66.9
31A	9PR4 (L2)	Determine an inequality	63.2	▼	76.7	▼	79.8
31B	9PR4 (L2)	Graph a given inequality	23.7	▼	31.0	▼	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	20.2	▼	34.1	▼	33.0
<b><i>Shape and Space</i></b>							
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	68.4	▲	64.6	▲	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	53.9	▼	62.2	▼	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	44.7	▼	66.4	▼	69.4
36	9SS3 (L2)	Determine the scale factor	79.0	▲	74.8	▲	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	63.2	▼	76.7	▼	78.9
<b><i>Statistics and Probability</i></b>							
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	64.5	▲	39.9	▲	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

84

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 209 Pearce Junior High School, Salt Pond  
 Grades: 8-9

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=60]	School		District [N=1,450]	School		Province [N=2,518]
				Below	Above		Below	Above	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	71.4	▼		72.1	▼		73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	77.9	▼		82.3	▼		82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	58.8	▼		61.5	▼		59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	89.6		▲	82.4		▲	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	69.2		▲	67.2		▲	66.9
31A	9PR4 (L2)	Determine an inequality	87.5		▲	80.3		▲	79.8
31B	9PR4 (L2)	Graph a given inequality	30.8	▼		31.3	▼		31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	27.8	▼		31.3	▼		33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	39.2	▼		62.7	▼		64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	61.3		▲	61.2	▼		61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	70.0	▼		71.1		▲	69.4
36	9SS3 (L2)	Determine the scale factor	81.7		▲	77.0		▲	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	83.3		▲	79.6		▲	78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	56.7		▲	48.3		▲	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

85

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 214 John Burke High School, Grand Bank  
 Grades: 8-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=22]	School Below Above District	District [N=1,450]	School Below Above Province	Province [N=2,518]
<b><i>Number</i></b>							
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	67.4	▼	72.1	▼	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	72.7	▼	82.3	▼	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	26.1	▼	61.5	▼	59.7
<b><i>Patterns and Relations</i></b>							
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	61.4	▼	82.4	▼	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	36.4	▼	67.2	▼	66.9
31A	9PR4 (L2)	Determine an inequality	53.4	▼	80.3	▼	79.8
31B	9PR4 (L2)	Graph a given inequality	18.2	▼	31.3	▼	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	7.6	▼	31.3	▼	33.0
<b><i>Shape and Space</i></b>							
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	36.4	▼	62.7	▼	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	37.5	▼	61.2	▼	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	52.3	▼	71.1	▼	69.4
36	9SS3 (L2)	Determine the scale factor	63.6	▼	77.0	▼	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	77.3	▼	79.6	▼	78.9
<b><i>Statistics and Probability</i></b>							
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	29.5	▼	48.3	▼	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

86

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 218 St. Joseph's Academy, Lamaline  
 Grades: K-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=3]	School Below Above District	District [N=1,450]	School Below Above Province	Province [N=2,518]	
<b><i>Number</i></b>								
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality	▼	72.1	▼	73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation		▼	82.3	▼	82.2	
28	9N6 (L3)	Estimate the square root of a positive rational number		▼	61.5	▼	59.7	
<b><i>Patterns and Relations</i></b>								
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations		▲	82.4	▲	82.4	
30	9PR3 (L2)	Identify an error in solving a linear equation		▼	67.2	▼	66.9	
31A	9PR4 (L2)	Determine an inequality		▲	80.3	▲	79.8	
31B	9PR4 (L2)	Graph a given inequality		▲	31.3	▲	31.1	
32	9PR6/7 (L3)	Solve a problem with polynomial expressions		▲	31.3	▲	33.0	
<b><i>Shape and Space</i></b>								
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▲	62.7	▲	64.2		
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▼	61.2	▼	61.8		
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	▼	71.1	▼	69.4		
36	9SS3 (L2)	Determine the scale factor	▲	77.0	▲	76.2		
37	9SS4 (L2)	Draw a 2-D shape to scale	▼	79.6	▼	78.9		
<b><i>Statistics and Probability</i></b>								
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	▲	48.3	▲	46.7		

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

87

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 4 - Eastern

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

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=3]	School Below Above District	District [N=1,450]	School Below Above Province	Province [N=2,518]	
<b><i>Number</i></b>								
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality	▲	72.1	▼	73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation		▲	82.3	▲	82.2	
28	9N6 (L3)	Estimate the square root of a positive rational number		▼	61.5	▼	59.7	
<b><i>Patterns and Relations</i></b>								
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations		▲	82.4	▲	82.4	
30	9PR3 (L2)	Identify an error in solving a linear equation		▼	67.2	▼	66.9	
31A	9PR4 (L2)	Determine an inequality		▲	80.3	▲	79.8	
31B	9PR4 (L2)	Graph a given inequality		▲	31.3	▲	31.1	
32	9PR6/7 (L3)	Solve a problem with polynomial expressions		▲	31.3	▲	33.0	
<b><i>Shape and Space</i></b>								
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▲	62.7	▲	64.2		
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▼	61.2	▼	61.8		
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	▼	71.1	▼	69.4		
36	9SS3 (L2)	Determine the scale factor	▼	77.0	▼	76.2		
37	9SS4 (L2)	Draw a 2-D shape to scale	▲	79.6	▲	78.9		
<b><i>Statistics and Probability</i></b>								
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	▲	48.3	▲	46.7		

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 225 St. Anne's School, South East Bight  
 Grades: 2-5,7-10

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=1]	School		District [N=1,450]	School		Province [N=2,518]	
				Below	Above		Below	Above		
<b><u>Number</u></b>										
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality		▲	72.1		▲	73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation			▲	82.3		▲	82.2	
28	9N6 (L3)	Estimate the square root of a positive rational number			▲	61.5		▲	59.7	
<b><u>Patterns and Relations</u></b>										
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations				▲	82.4		▲	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation			▼	67.2		▼	66.9	
31A	9PR4 (L2)	Determine an inequality			▼	80.3		▼	79.8	
31B	9PR4 (L2)	Graph a given inequality				▲	31.3		▲	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions				▲	31.3		▲	33.0
<b><u>Shape and Space</u></b>										
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem		▼	62.7		▼	64.2		
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem		▼	61.2		▼	61.8		
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons		▼	71.1		▼	69.4		
36	9SS3 (L2)	Determine the scale factor			▲	77.0		▲	76.2	
37	9SS4 (L2)	Draw a 2-D shape to scale			▲	79.6		▲	78.9	
<b><u>Statistics and Probability</u></b>										
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population			▲	48.3		▲	46.7	

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 4 - Eastern

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

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=5]	School Below Above District	District [N=1,450]	School Below Above Province	Province [N=2,518]	
<b><u>Number</u></b>								
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality	▲	72.1	▲	73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation		▲	82.3	▲	82.2	
28	9N6 (L3)	Estimate the square root of a positive rational number		▼	61.5	▼	59.7	
<b><u>Patterns and Relations</u></b>								
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations		▲	82.4	▲	82.4	
30	9PR3 (L2)	Identify an error in solving a linear equation		▼	67.2	▼	66.9	
31A	9PR4 (L2)	Determine an inequality		▼	80.3	▲	79.8	
31B	9PR4 (L2)	Graph a given inequality		▼	31.3	▼	31.1	
32	9PR6/7 (L3)	Solve a problem with polynomial expressions		▲	31.3	▲	33.0	
<b><u>Shape and Space</u></b>								
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▼	62.7	▼	64.2		
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▼	61.2	▼	61.8		
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	▲	71.1	▲	69.4		
36	9SS3 (L2)	Determine the scale factor	▼	77.0	▼	76.2		
37	9SS4 (L2)	Draw a 2-D shape to scale	▲	79.6	▲	78.9		
<b><u>Statistics and Probability</u></b>								
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	▲	48.3	▲	46.7		

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 4 - Eastern

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

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=7]	School		District [N=1,450]	School		Province [N=2,518]
				Below	Above		Below	Above	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	71.4	▼		72.1	▼		73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	89.3		▲	82.3		▲	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	32.1	▼		61.5	▼		59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	67.9	▼		82.4	▼		82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	71.4		▲	67.2		▲	66.9
31A	9PR4 (L2)	Determine an inequality	71.4	▼		80.3	▼		79.8
31B	9PR4 (L2)	Graph a given inequality	21.4	▼		31.3	▼		31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	23.8	▼		31.3	▼		33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	71.4		▲	62.7		▲	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	50.0	▼		61.2	▼		61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	64.3	▼		71.1	▼		69.4
36	9SS3 (L2)	Determine the scale factor	57.1	▼		77.0	▼		76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	64.3	▼		79.6	▼		78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	71.4		▲	48.3		▲	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

91

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 229 St. Joseph's All Grade, Terrenceville  
 Grades: K-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=5]	School		District [N=1,450]	School		Province [N=2,518]	
				Below	Above		Below	Above		
<b><u>Number</u></b>										
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality	▼		72.1	▼		73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation		▼		82.3	▼		82.2	
28	9N6 (L3)	Estimate the square root of a positive rational number			▲	61.5		▲	59.7	
<b><u>Patterns and Relations</u></b>										
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations		▼		82.4	▼		82.4	
30	9PR3 (L2)	Identify an error in solving a linear equation		▼		67.2	▼		66.9	
31A	9PR4 (L2)	Determine an inequality		▼		80.3	▼		79.8	
31B	9PR4 (L2)	Graph a given inequality		▼		31.3	▼		31.1	
32	9PR6/7 (L3)	Solve a problem with polynomial expressions		▼		31.3	▼		33.0	
<b><u>Shape and Space</u></b>										
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▼		62.7	▼		64.2		
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▼		61.2	▼		61.8		
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	▼		71.1	▼		69.4		
36	9SS3 (L2)	Determine the scale factor	▼		77.0	▼		76.2		
37	9SS4 (L2)	Draw a 2-D shape to scale		▲	79.6		▲	78.9		
<b><u>Statistics and Probability</u></b>										
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	▼		48.3	▼		46.7		

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 231 Discovery Collegiate, Bonavista  
 Grades: 9-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=25]	School		District [N=1,450]	School		Province [N=2,518]
				Below	Above		Below	Above	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	65.3	▼		72.1	▼		73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	86.0		▲	82.3		▲	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	41.0	▼		61.5	▼		59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	84.0		▲	82.4		▲	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	68.0		▲	67.2		▲	66.9
31A	9PR4 (L2)	Determine an inequality	77.0	▼		80.3	▼		79.8
31B	9PR4 (L2)	Graph a given inequality	36.0		▲	31.3		▲	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	8.7	▼		31.3	▼		33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	44.0	▼		62.7	▼		64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	62.0		▲	61.2		▲	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	54.0	▼		71.1	▼		69.4
36	9SS3 (L2)	Determine the scale factor	72.0	▼		77.0	▼		76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	72.0	▼		79.6	▼		78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	56.0		▲	48.3		▲	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

93

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (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	School [N=6]	School		District [N=1,450]	School		Province [N=2,518]
				Below	Above District		Below	Above Province	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	75.0		▲	72.1		▲	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	91.7		▲	82.3		▲	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	83.3		▲	61.5		▲	59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	91.7		▲	82.4		▲	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	66.7	▼		67.2	▼		66.9
31A	9PR4 (L2)	Determine an inequality	87.5		▲	80.3		▲	79.8
31B	9PR4 (L2)	Graph a given inequality	25.0	▼		31.3	▼		31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	41.7		▲	31.3		▲	33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	83.3		▲	62.7		▲	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	66.7		▲	61.2		▲	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	83.3		▲	71.1		▲	69.4
36	9SS3 (L2)	Determine the scale factor	100.0		▲	77.0		▲	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	100.0		▲	79.6		▲	78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	50.0		▲	48.3		▲	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

94

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (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=11]	School Below Above District	District [N=1,450]	School Below Above Province	Province [N=2,518]
<b><i>Number</i></b>							
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	69.7	▼	72.1	▼	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	90.9	▲	82.3	▲	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	43.2	▼	61.5	▼	59.7
<b><i>Patterns and Relations</i></b>							
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	84.1	▲	82.4	▲	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	81.8	▲	67.2	▲	66.9
31A	9PR4 (L2)	Determine an inequality	79.5	▼	80.3	▼	79.8
31B	9PR4 (L2)	Graph a given inequality	31.8	▲	31.3	▲	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	30.3	▼	31.3	▼	33.0
<b><i>Shape and Space</i></b>							
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	63.6	▲	62.7	▼	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	52.3	▼	61.2	▼	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	65.9	▼	71.1	▼	69.4
36	9SS3 (L2)	Determine the scale factor	72.7	▼	77.0	▼	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	72.7	▼	79.6	▼	78.9
<b><i>Statistics and Probability</i></b>							
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	9.1	▼	48.3	▼	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

95

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 4 - Eastern

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

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=3]	School Below Above District	District [N=1,450]	School Below Above Province	Province [N=2,518]	
<b><u>Number</u></b>								
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality	▲	72.1	▲	73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation		▼	82.3	▼	82.2	
28	9N6 (L3)	Estimate the square root of a positive rational number		▲	61.5	▲	59.7	
<b><u>Patterns and Relations</u></b>								
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations		▼	82.4	▼	82.4	
30	9PR3 (L2)	Identify an error in solving a linear equation		▲	67.2	▲	66.9	
31A	9PR4 (L2)	Determine an inequality		▲	80.3	▲	79.8	
31B	9PR4 (L2)	Graph a given inequality		▼	31.3	▼	31.1	
32	9PR6/7 (L3)	Solve a problem with polynomial expressions		▼	31.3	▼	33.0	
<b><u>Shape and Space</u></b>								
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▼	62.7	▼	64.2		
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▲	61.2	▲	61.8		
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	▼	71.1	▼	69.4		
36	9SS3 (L2)	Determine the scale factor	▼	77.0	▼	76.2		
37	9SS4 (L2)	Draw a 2-D shape to scale	▼	79.6	▼	78.9		
<b><u>Statistics and Probability</u></b>								
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	▼	48.3	▼	46.7		

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

96

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 247 Roncalli Central High, Avondale  
 Grades: 7-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=15]	School		District [N=1,450]	School		Province [N=2,518]
				Below	Above District		Below	Above Province	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	77.8		▲	72.1		▲	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	86.7		▲	82.3		▲	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	70.0		▲	61.5		▲	59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	86.7		▲	82.4		▲	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	66.7	▼		67.2	▼		66.9
31A	9PR4 (L2)	Determine an inequality	75.0	▼		80.3	▼		79.8
31B	9PR4 (L2)	Graph a given inequality	33.3		▲	31.3		▲	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	34.4		▲	31.3		▲	33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	60.0	▼		62.7	▼		64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	70.0		▲	61.2		▲	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	66.7	▼		71.1	▼		69.4
36	9SS3 (L2)	Determine the scale factor	93.3		▲	77.0		▲	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	83.3		▲	79.6		▲	78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	53.3		▲	48.3		▲	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

97

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 248 Amalgamated Academy, Bay Roberts  
 Grades: 4-9

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=80]	School		District [N=1,450]	School		Province [N=2,518]
				Below	Above District		Below	Above Province	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	77.3		▲	72.1		▲	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	86.9		▲	82.3		▲	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	65.3		▲	61.5		▲	59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	86.3		▲	82.4		▲	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	82.5		▲	67.2		▲	66.9
31A	9PR4 (L2)	Determine an inequality	87.5		▲	80.3		▲	79.8
31B	9PR4 (L2)	Graph a given inequality	38.1		▲	31.3		▲	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	45.6		▲	31.3		▲	33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	81.3		▲	62.7		▲	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	63.8		▲	61.2		▲	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	82.2		▲	71.1		▲	69.4
36	9SS3 (L2)	Determine the scale factor	78.1		▲	77.0		▲	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	86.3		▲	79.6		▲	78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	36.9		▼	48.3		▼	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

98

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 269 St. Francis School, Harbour Grace  
 Grades: 6-9

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=44]	School		District [N=1,450]	School		Province [N=2,518]
				Below	Above District		Below	Above Province	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	70.5	▼		72.1	▼		73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	81.8	▼		82.3	▼		82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	88.6		▲	61.5		▲	59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	85.2		▲	82.4		▲	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	78.4		▲	67.2		▲	66.9
31A	9PR4 (L2)	Determine an inequality	89.2		▲	80.3		▲	79.8
31B	9PR4 (L2)	Graph a given inequality	33.0		▲	31.3		▲	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	25.4	▼		31.3	▼		33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	89.8		▲	62.7		▲	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	58.0	▼		61.2	▼		61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	73.3		▲	71.1		▲	69.4
36	9SS3 (L2)	Determine the scale factor	86.4		▲	77.0		▲	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	86.4		▲	79.6		▲	78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	44.3	▼		48.3	▼		46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

99

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 274 St. Catherine's Academy, Mount Carmel  
 Grades: K-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=6]	School		District [N=1,450]	School		Province [N=2,518]
				Below	Above		Below	Above	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	83.3		▲	72.1		▲	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	83.3		▲	82.3		▲	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	54.2	▼		61.5	▼		59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	75.0	▼		82.4	▼		82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	83.3		▲	67.2		▲	66.9
31A	9PR4 (L2)	Determine an inequality	91.7		▲	80.3		▲	79.8
31B	9PR4 (L2)	Graph a given inequality	25.0	▼		31.3	▼		31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	36.1		▲	31.3		▲	33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	83.3		▲	62.7		▲	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	54.2	▼		61.2	▼		61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	83.3		▲	71.1		▲	69.4
36	9SS3 (L2)	Determine the scale factor	83.3		▲	77.0		▲	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	100.0		▲	79.6		▲	78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	50.0		▲	48.3		▲	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

100

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 280 Laval High School, Placentia  
 Grades: 7-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=21]	School		District [N=1,450]	School		Province [N=2,518]
				Below	Above District		Below	Above Province	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	88.9		▲	72.1		▲	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	92.9		▲	82.3		▲	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	84.5		▲	61.5		▲	59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	77.4	▼		82.4	▼		82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	90.5		▲	67.2		▲	66.9
31A	9PR4 (L2)	Determine an inequality	90.5		▲	80.3		▲	79.8
31B	9PR4 (L2)	Graph a given inequality	42.9		▲	31.3		▲	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	51.6		▲	31.3		▲	33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	76.2		▲	62.7		▲	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	83.3		▲	61.2		▲	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	96.4		▲	71.1		▲	69.4
36	9SS3 (L2)	Determine the scale factor	78.6		▲	77.0		▲	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	88.1		▲	79.6		▲	78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	61.9		▲	48.3		▲	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

101

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 285 Holy Redeemer Elementary, Spaniard's Bay  
 Grades: K-9

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=16]	School Below Above District	District [N=1,450]	School Below Above Province	Province [N=2,518]
<b><i>Number</i></b>							
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	60.4	▼	72.1	▼	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	78.1	▼	82.3	▼	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	70.3	▲	61.5	▲	59.7
<b><i>Patterns and Relations</i></b>							
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	82.8	▲	82.4	▲	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	62.5	▼	67.2	▼	66.9
31A	9PR4 (L2)	Determine an inequality	87.5	▲	80.3	▲	79.8
31B	9PR4 (L2)	Graph a given inequality	34.4	▲	31.3	▲	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	30.2	▼	31.3	▼	33.0
<b><i>Shape and Space</i></b>							
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	68.8	▲	62.7	▲	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	62.5	▲	61.2	▲	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	67.2	▼	71.1	▼	69.4
36	9SS3 (L2)	Determine the scale factor	90.6	▲	77.0	▲	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	81.3	▲	79.6	▲	78.9
<b><i>Statistics and Probability</i></b>							
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	40.6	▼	48.3	▼	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

102

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 4 - Eastern

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

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=1]	School Below Above District	District [N=1,450]	School Below Above Province	Province [N=2,518]	
<b><u>Number</u></b>								
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality	▲	72.1	▲	73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation		▲	82.3	▲	82.2	
28	9N6 (L3)	Estimate the square root of a positive rational number		▲	61.5	▲	59.7	
<b><u>Patterns and Relations</u></b>								
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations		▲	82.4	▲	82.4	
30	9PR3 (L2)	Identify an error in solving a linear equation		▲	67.2	▲	66.9	
31A	9PR4 (L2)	Determine an inequality		▲	80.3	▲	79.8	
31B	9PR4 (L2)	Graph a given inequality		▲	31.3	▲	31.1	
32	9PR6/7 (L3)	Solve a problem with polynomial expressions		▲	31.3	▲	33.0	
<b><u>Shape and Space</u></b>								
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▼	62.7	▼	64.2		
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▼	61.2	▼	61.8		
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	▲	71.1	▲	69.4		
36	9SS3 (L2)	Determine the scale factor	▲	77.0	▲	76.2		
37	9SS4 (L2)	Draw a 2-D shape to scale	▲	79.6	▲	78.9		
<b><u>Statistics and Probability</u></b>								
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	▲	48.3	▲	46.7		

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 4 - Eastern

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

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=2]	School Below Above District	District [N=1,450]	School Below Above Province	Province [N=2,518]	
<b><u>Number</u></b>								
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality	▼	72.1	▼	73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation		▼	82.3	▼	82.2	
28	9N6 (L3)	Estimate the square root of a positive rational number		▲	61.5	▲	59.7	
<b><u>Patterns and Relations</u></b>								
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations		▲	82.4	▲	82.4	
30	9PR3 (L2)	Identify an error in solving a linear equation		▼	67.2	▼	66.9	
31A	9PR4 (L2)	Determine an inequality		▲	80.3	▲	79.8	
31B	9PR4 (L2)	Graph a given inequality		▲	31.3	▲	31.1	
32	9PR6/7 (L3)	Solve a problem with polynomial expressions		▼	31.3	▼	33.0	
<b><u>Shape and Space</u></b>								
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▲	62.7	▲	64.2		
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▲	61.2	▲	61.8		
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	▼	71.1	▼	69.4		
36	9SS3 (L2)	Determine the scale factor	▲	77.0	▲	76.2		
37	9SS4 (L2)	Draw a 2-D shape to scale	▲	79.6	▲	78.9		
<b><u>Statistics and Probability</u></b>								
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	▲	48.3	▲	46.7		

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 289 St. Peter's Elementary, Upper Island Cove  
 Grades: K-9

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=17]	School		District [N=1,450]	School		Province [N=2,518]
				Below	Above District		Below	Above Province	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	75.5		▲	72.1		▲	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	70.6	▼		82.3	▼		82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	67.6		▲	61.5		▲	59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	88.2		▲	82.4		▲	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	88.2		▲	67.2		▲	66.9
31A	9PR4 (L2)	Determine an inequality	92.6		▲	80.3		▲	79.8
31B	9PR4 (L2)	Graph a given inequality	41.2		▲	31.3		▲	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	50.0		▲	31.3		▲	33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	85.3		▲	62.7		▲	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	70.6		▲	61.2		▲	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	85.3		▲	71.1		▲	69.4
36	9SS3 (L2)	Determine the scale factor	88.2		▲	77.0		▲	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	97.1		▲	79.6		▲	78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	64.7		▲	48.3		▲	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

105

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 296 St. Michael's High, Bell Island  
 Grades: 7-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=18]	School Below Above District	District [N=1,450]	School Below Above Province	Province [N=2,518]
<b><i>Number</i></b>							
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	48.1	▼	72.1	▼	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	41.7	▼	82.3	▼	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	20.8	▼	61.5	▼	59.7
<b><i>Patterns and Relations</i></b>							
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	45.8	▼	82.4	▼	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	27.8	▼	67.2	▼	66.9
31A	9PR4 (L2)	Determine an inequality	31.9	▼	80.3	▼	79.8
31B	9PR4 (L2)	Graph a given inequality	5.6	▼	31.3	▼	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	1.9	▼	31.3	▼	33.0
<b><i>Shape and Space</i></b>							
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	38.9	▼	62.7	▼	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	23.6	▼	61.2	▼	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	25.0	▼	71.1	▼	69.4
36	9SS3 (L2)	Determine the scale factor	33.3	▼	77.0	▼	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	38.9	▼	79.6	▼	78.9
<b><i>Statistics and Probability</i></b>							
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	25.0	▼	48.3	▼	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

106

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 300 Frank Roberts Junior High, Conception Bay South (Foxtrap)  
 Grades: 7-9

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=77]	School		District [N=1,450]	School		Province [N=2,518]
				Below	Above		Below	Above	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	75.3		▲	72.1		▲	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	84.4		▲	82.3		▲	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	69.2		▲	61.5		▲	59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	86.7		▲	82.4		▲	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	89.0		▲	67.2		▲	66.9
31A	9PR4 (L2)	Determine an inequality	91.2		▲	80.3		▲	79.8
31B	9PR4 (L2)	Graph a given inequality	39.0		▲	31.3		▲	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	37.9		▲	31.3		▲	33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	75.3		▲	62.7		▲	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	64.3		▲	61.2		▲	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	82.5		▲	71.1		▲	69.4
36	9SS3 (L2)	Determine the scale factor	82.5		▲	77.0		▲	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	82.5		▲	79.6		▲	78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	41.6		▼	48.3		▼	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

107

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 304 Holy Spirit High, Conception Bay South (Manuels)  
 Grades: 9-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=94]	School		District [N=1,450]	School		Province [N=2,518]
				Below	Above		Below	Above	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	69.3	▼		72.1	▼		73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	84.0		▲	82.3		▲	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	64.6		▲	61.5		▲	59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	86.4		▲	82.4		▲	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	79.3		▲	67.2		▲	66.9
31A	9PR4 (L2)	Determine an inequality	78.5	▼		80.3	▼		79.8
31B	9PR4 (L2)	Graph a given inequality	30.3	▼		31.3	▼		31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	30.3	▼		31.3	▼		33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	63.8		▲	62.7	▼		64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	69.7		▲	61.2		▲	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	74.7		▲	71.1		▲	69.4
36	9SS3 (L2)	Determine the scale factor	79.8		▲	77.0		▲	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	82.5		▲	79.6		▲	78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	49.5		▲	48.3		▲	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

108

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 307      Mobile Central High, Mobile  
 Grades: 7-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=17]	School		District [N=1,450]	School		Province [N=2,518]
				Below	Above District		Below	Above Province	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	79.4		▲	72.1		▲	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	94.1		▲	82.3		▲	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	86.8		▲	61.5		▲	59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	94.1		▲	82.4		▲	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	88.2		▲	67.2		▲	66.9
31A	9PR4 (L2)	Determine an inequality	94.1		▲	80.3		▲	79.8
31B	9PR4 (L2)	Graph a given inequality	38.2		▲	31.3		▲	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	43.1		▲	31.3		▲	33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	76.5		▲	62.7		▲	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	72.1		▲	61.2		▲	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	86.8		▲	71.1		▲	69.4
36	9SS3 (L2)	Determine the scale factor	91.2		▲	77.0		▲	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	82.4		▲	79.6		▲	78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	32.4		▼	48.3		▼	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

109

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 310 Mount Pearl Intermediate, Mount Pearl  
 Grades: 5-9

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=113]	School		District [N=1,450]	School		Province [N=2,518]
				Below	Above		Below	Above	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	79.8		▲	72.1		▲	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	88.1		▲	82.3		▲	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	68.4		▲	61.5		▲	59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	88.3		▲	82.4		▲	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	80.1		▲	67.2		▲	66.9
31A	9PR4 (L2)	Determine an inequality	92.5		▲	80.3		▲	79.8
31B	9PR4 (L2)	Graph a given inequality	38.5		▲	31.3		▲	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	34.5		▲	31.3		▲	33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	62.4	▼		62.7	▼		64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	70.1		▲	61.2		▲	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	78.3		▲	71.1		▲	69.4
36	9SS3 (L2)	Determine the scale factor	78.3		▲	77.0		▲	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	89.4		▲	79.6		▲	78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	70.8		▲	48.3		▲	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

110

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 315 St. Peter's Junior High, Mount Pearl  
 Grades: 7-9

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=90]	School		District [N=1,450]	School		Province [N=2,518]
				Below	Above		Below	Above	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	68.5	▼		72.1	▼		73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	81.1	▼		82.3	▼		82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	64.2		▲	61.5		▲	59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	83.6		▲	82.4		▲	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	66.7	▼		67.2	▼		66.9
31A	9PR4 (L2)	Determine an inequality	74.7	▼		80.3	▼		79.8
31B	9PR4 (L2)	Graph a given inequality	25.0	▼		31.3	▼		31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	33.9		▲	31.3		▲	33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	54.4	▼		62.7	▼		64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	61.4		▲	61.2	▼		61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	62.5	▼		71.1	▼		69.4
36	9SS3 (L2)	Determine the scale factor	76.7	▼		77.0		▲	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	72.8	▼		79.6	▼		78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	53.6		▲	48.3		▲	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

111

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 324 Beaconsfield Junior High, St. John's  
 Grades: 7-9

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=63]	School Below Above District	District [N=1,450]	School Below Above Province	Province [N=2,518]
<b><i>Number</i></b>							
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	60.6	▼	72.1	▼	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	72.6	▼	82.3	▼	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	50.0	▼	61.5	▼	59.7
<b><i>Patterns and Relations</i></b>							
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	70.6	▼	82.4	▼	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	55.6	▼	67.2	▼	66.9
31A	9PR4 (L2)	Determine an inequality	62.7	▼	80.3	▼	79.8
31B	9PR4 (L2)	Graph a given inequality	15.9	▼	31.3	▼	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	25.7	▼	31.3	▼	33.0
<b><i>Shape and Space</i></b>							
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	52.4	▼	62.7	▼	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	53.2	▼	61.2	▼	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	59.9	▼	71.1	▼	69.4
36	9SS3 (L2)	Determine the scale factor	69.8	▼	77.0	▼	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	63.5	▼	79.6	▼	78.9
<b><i>Statistics and Probability</i></b>							
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	28.6	▼	48.3	▼	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

112

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 328 Booth Memorial High School, St. John's  
 Grades: 9-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=56]	School		District [N=1,450]	School		Province [N=2,518]
				Below	Above District		Below	Above Province	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	70.2	▼		72.1	▼		73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	76.8	▼		82.3	▼		82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	51.3	▼		61.5	▼		59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	82.6		▲	82.4		▲	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	53.6	▼		67.2	▼		66.9
31A	9PR4 (L2)	Determine an inequality	78.1	▼		80.3	▼		79.8
31B	9PR4 (L2)	Graph a given inequality	31.3	▼		31.3		▲	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	29.2	▼		31.3	▼		33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	60.7	▼		62.7	▼		64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	58.0	▼		61.2	▼		61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	80.4		▲	71.1		▲	69.4
36	9SS3 (L2)	Determine the scale factor	76.8	▼		77.0		▲	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	75.0	▼		79.6	▼		78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	42.0	▼		48.3	▼		46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

113

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 330 Brother Rice Junior High, St. John's  
 Grades: 7-9

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=60]	School		District [N=1,450]	School		Province [N=2,518]
				Below	Above		Below	Above	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	68.9	▼		72.1	▼		73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	87.5		▲	82.3		▲	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	56.3	▼		61.5	▼		59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	75.4	▼		82.4	▼		82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	59.2	▼		67.2	▼		66.9
31A	9PR4 (L2)	Determine an inequality	75.8	▼		80.3	▼		79.8
31B	9PR4 (L2)	Graph a given inequality	26.7	▼		31.3	▼		31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	26.1	▼		31.3	▼		33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	68.3		▲	62.7		▲	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	55.8	▼		61.2	▼		61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	57.9	▼		71.1	▼		69.4
36	9SS3 (L2)	Determine the scale factor	71.7	▼		77.0	▼		76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	76.7	▼		79.6	▼		78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	54.2		▲	48.3		▲	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

114

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 335 Leary's Brook Junior High, St. John's  
 Grades: 7-9

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=67]	School		District [N=1,450]	School		Province [N=2,518]
				Below	Above		Below	Above	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	68.2	▼		72.1	▼		73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	75.4	▼		82.3	▼		82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	62.3		▲	61.5		▲	59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	73.1	▼		82.4	▼		82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	45.5	▼		67.2	▼		66.9
31A	9PR4 (L2)	Determine an inequality	76.9	▼		80.3	▼		79.8
31B	9PR4 (L2)	Graph a given inequality	31.3		▲	31.3		▲	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	32.1		▲	31.3	▼		33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	63.4		▲	62.7	▼		64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	57.8	▼		61.2	▼		61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	70.9	▼		71.1		▲	69.4
36	9SS3 (L2)	Determine the scale factor	81.3		▲	77.0		▲	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	67.9	▼		79.6	▼		78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	35.8	▼		48.3	▼		46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

115

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 343 MacDonal Drive Junior High, St. John's  
 Grades: 7-9

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=101]	School		District [N=1,450]	School		Province [N=2,518]
				Below	Above		Below	Above	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	77.2		▲	72.1		▲	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	87.4		▲	82.3		▲	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	67.6		▲	61.5		▲	59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	89.6		▲	82.4		▲	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	55.5	▼		67.2	▼		66.9
31A	9PR4 (L2)	Determine an inequality	84.2		▲	80.3		▲	79.8
31B	9PR4 (L2)	Graph a given inequality	34.2		▲	31.3		▲	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	39.6		▲	31.3		▲	33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	60.9	▼		62.7	▼		64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	66.8		▲	61.2		▲	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	79.2		▲	71.1		▲	69.4
36	9SS3 (L2)	Determine the scale factor	77.2		▲	77.0		▲	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	79.2	▼		79.6		▲	78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	41.6	▼		48.3	▼		46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

116

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 4 - Eastern

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

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=10]	School Below Above District	District [N=1,450]	School Below Above Province	Province [N=2,518]
<b><i>Number</i></b>							
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	26.7	▼	72.1	▼	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	55.0	▼	82.3	▼	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	20.0	▼	61.5	▼	59.7
<b><i>Patterns and Relations</i></b>							
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	57.5	▼	82.4	▼	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	40.0	▼	67.2	▼	66.9
31A	9PR4 (L2)	Determine an inequality	62.5	▼	80.3	▼	79.8
31B	9PR4 (L2)	Graph a given inequality	25.0	▼	31.3	▼	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	6.7	▼	31.3	▼	33.0
<b><i>Shape and Space</i></b>							
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	70.0	▲	62.7	▲	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	50.0	▼	61.2	▼	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	35.0	▼	71.1	▼	69.4
36	9SS3 (L2)	Determine the scale factor	60.0	▼	77.0	▼	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	85.0	▲	79.6	▲	78.9
<b><i>Statistics and Probability</i></b>							
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	60.0	▲	48.3	▲	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

117

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 353 St. Kevin's Junior High, St. John's (Goulds)  
 Grades: 7-9

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=40]	School		District [N=1,450]	School		Province [N=2,518]
				Below	Above		Below	Above	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	80.4		▲	72.1		▲	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	85.0		▲	82.3		▲	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	53.8	▼		61.5	▼		59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	96.3		▲	82.4		▲	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	82.5		▲	67.2		▲	66.9
31A	9PR4 (L2)	Determine an inequality	90.6		▲	80.3		▲	79.8
31B	9PR4 (L2)	Graph a given inequality	38.8		▲	31.3		▲	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	45.4		▲	31.3		▲	33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	56.3	▼		62.7	▼		64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	68.8		▲	61.2		▲	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	72.5		▲	71.1		▲	69.4
36	9SS3 (L2)	Determine the scale factor	85.0		▲	77.0		▲	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	87.5		▲	79.6		▲	78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	36.3	▼		48.3	▼		46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

118

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 359 St. Paul's Junior High, St. John's  
 Grades: 7-9

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=53]	School		District [N=1,450]	School		Province [N=2,518]
				Below	Above District		Below	Above Province	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	79.6		▲	72.1		▲	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	93.4		▲	82.3		▲	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	75.9		▲	61.5		▲	59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	85.9		▲	82.4		▲	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	76.4		▲	67.2		▲	66.9
31A	9PR4 (L2)	Determine an inequality	86.3		▲	80.3		▲	79.8
31B	9PR4 (L2)	Graph a given inequality	31.1	▼		31.3		▲	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	34.6		▲	31.3		▲	33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	54.7	▼		62.7	▼		64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	71.2		▲	61.2		▲	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	75.5		▲	71.1		▲	69.4
36	9SS3 (L2)	Determine the scale factor	81.1		▲	77.0		▲	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	84.9		▲	79.6		▲	78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	71.7		▲	48.3		▲	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

119

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 368 Holy Trinity High, Torbay  
 Grades: 7-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=44]	School		District [N=1,450]	School		Province [N=2,518]
				Below	Above		Below	Above	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	72.0	▼		72.1	▼		73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	79.5	▼		82.3	▼		82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	56.8	▼		61.5	▼		59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	76.7	▼		82.4	▼		82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	60.2	▼		67.2	▼		66.9
31A	9PR4 (L2)	Determine an inequality	76.7	▼		80.3	▼		79.8
31B	9PR4 (L2)	Graph a given inequality	29.6	▼		31.3	▼		31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	10.2	▼		31.3	▼		33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	64.8		▲	62.7		▲	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	56.3	▼		61.2	▼		61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	56.8	▼		71.1	▼		69.4
36	9SS3 (L2)	Determine the scale factor	69.3	▼		77.0	▼		76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	70.5	▼		79.6	▼		78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	60.8		▲	48.3		▲	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

120

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 4 - Eastern

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

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=3]	School Below Above District	District [N=1,450]	School Below Above Province	Province [N=2,518]	
<b><i>Number</i></b>								
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality	▼	72.1	▼	73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation		▼	82.3	▼	82.2	
28	9N6 (L3)	Estimate the square root of a positive rational number		▲	61.5	▲	59.7	
<b><i>Patterns and Relations</i></b>								
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations		▲	82.4	▲	82.4	
30	9PR3 (L2)	Identify an error in solving a linear equation		▼	67.2	▼	66.9	
31A	9PR4 (L2)	Determine an inequality		▲	80.3	▲	79.8	
31B	9PR4 (L2)	Graph a given inequality		▲	31.3	▲	31.1	
32	9PR6/7 (L3)	Solve a problem with polynomial expressions		▲	31.3	▲	33.0	
<b><i>Shape and Space</i></b>								
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▲	62.7	▲	64.2		
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▼	61.2	▼	61.8		
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	▼	71.1	▼	69.4		
36	9SS3 (L2)	Determine the scale factor	▼	77.0	▼	76.2		
37	9SS4 (L2)	Draw a 2-D shape to scale	▲	79.6	▲	78.9		
<b><i>Statistics and Probability</i></b>								
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	▲	48.3	▲	46.7		

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 4 - Eastern

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

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=2]	School Below Above District	District [N=1,450]	School Below Above Province	Province [N=2,518]	
<b><u>Number</u></b>								
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality	▲	72.1	▲	73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation		▲	82.3	▲	82.2	
28	9N6 (L3)	Estimate the square root of a positive rational number		▲	61.5	▲	59.7	
<b><u>Patterns and Relations</u></b>								
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations		▲	82.4	▲	82.4	
30	9PR3 (L2)	Identify an error in solving a linear equation		▲	67.2	▲	66.9	
31A	9PR4 (L2)	Determine an inequality		▲	80.3	▲	79.8	
31B	9PR4 (L2)	Graph a given inequality		▲	31.3	▲	31.1	
32	9PR6/7 (L3)	Solve a problem with polynomial expressions		▲	31.3	▲	33.0	
<b><u>Shape and Space</u></b>								
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▲	62.7	▲	64.2		
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▲	61.2	▲	61.8		
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	▲	71.1	▲	69.4		
36	9SS3 (L2)	Determine the scale factor	▲	77.0	▲	76.2		
37	9SS4 (L2)	Draw a 2-D shape to scale	▲	79.6	▲	78.9		
<b><u>Statistics and Probability</u></b>								
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	▲	48.3	▲	46.7		

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 428 Clarenville Middle School, Clarenville  
 Grades: 7-9

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=45]	School		District [N=1,450]	School		Province [N=2,518]
				Below	Above		Below	Above	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	73.3		▲	72.1		▲	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	85.6		▲	82.3		▲	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	61.1	▼		61.5		▲	59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	89.4		▲	82.4		▲	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	75.6		▲	67.2		▲	66.9
31A	9PR4 (L2)	Determine an inequality	82.8		▲	80.3		▲	79.8
31B	9PR4 (L2)	Graph a given inequality	33.3		▲	31.3		▲	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	29.6	▼		31.3	▼		33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	66.7		▲	62.7		▲	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	58.9	▼		61.2	▼		61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	85.0		▲	71.1		▲	69.4
36	9SS3 (L2)	Determine the scale factor	81.1		▲	77.0		▲	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	91.1		▲	79.6		▲	78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	38.9	▼		48.3	▼		46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

123

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (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	School [N=2]	School		District [N=1,450]	School		Province [N=2,518]	
				Below	Above		Below	Above		
<b><i>Number</i></b>										
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality		▲	72.1		▲	73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation		▲		82.3		▲	82.2	
28	9N6 (L3)	Estimate the square root of a positive rational number		▲		61.5		▲	59.7	
<b><i>Patterns and Relations</i></b>										
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations			▲	82.4		▲	82.4	
30	9PR3 (L2)	Identify an error in solving a linear equation		▼		67.2		▼	66.9	
31A	9PR4 (L2)	Determine an inequality			▲	80.3		▲	79.8	
31B	9PR4 (L2)	Graph a given inequality			▲	31.3		▲	31.1	
32	9PR6/7 (L3)	Solve a problem with polynomial expressions			▲	31.3		▲	33.0	
<b><i>Shape and Space</i></b>										
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem		▲	62.7		▲	64.2		
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem		▲	61.2		▲	61.8		
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons		▲	71.1		▲	69.4		
36	9SS3 (L2)	Determine the scale factor		▲	77.0		▲	76.2		
37	9SS4 (L2)	Draw a 2-D shape to scale		▲	79.6		▲	78.9		
<b><i>Statistics and Probability</i></b>										
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population		▲	48.3		▲	46.7		

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 431 Southwest Arm Academy, Little Heart's Ease  
 Grades: K-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=3]	School Below District	School Above District	District [N=1,450]	School Below Province	School Above Province	Province [N=2,518]	
<b><u>Number</u></b>										
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality	▼		72.1	▼		73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation		▲		82.3	▲		82.2	
28	9N6 (L3)	Estimate the square root of a positive rational number		▼		61.5	▼		59.7	
<b><u>Patterns and Relations</u></b>										
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations		▲		82.4	▲		82.4	
30	9PR3 (L2)	Identify an error in solving a linear equation		▲		67.2	▲		66.9	
31A	9PR4 (L2)	Determine an inequality		▲		80.3	▲		79.8	
31B	9PR4 (L2)	Graph a given inequality		▼		31.3	▼		31.1	
32	9PR6/7 (L3)	Solve a problem with polynomial expressions		▲		31.3	▲		33.0	
<b><u>Shape and Space</u></b>										
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▲		62.7	▲		64.2		
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▼		61.2	▼		61.8		
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	▲		71.1	▲		69.4		
36	9SS3 (L2)	Determine the scale factor	▲		77.0	▲		76.2		
37	9SS4 (L2)	Draw a 2-D shape to scale	▼		79.6	▼		78.9		
<b><u>Statistics and Probability</u></b>										
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	▲		48.3	▲		46.7		

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 442      Persalvic Elementary, Victoria  
 Grades: K-9

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=21]	School		District [N=1,450]	School		Province [N=2,518]
				Below	Above		Below	Above	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	78.6		▲	72.1		▲	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	86.9		▲	82.3		▲	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	64.3		▲	61.5		▲	59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	83.3		▲	82.4		▲	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	81.0		▲	67.2		▲	66.9
31A	9PR4 (L2)	Determine an inequality	95.2		▲	80.3		▲	79.8
31B	9PR4 (L2)	Graph a given inequality	38.1		▲	31.3		▲	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	42.1		▲	31.3		▲	33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	61.9	▼		62.7	▼		64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	59.5	▼		61.2	▼		61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	78.6		▲	71.1		▲	69.4
36	9SS3 (L2)	Determine the scale factor	76.2	▼		77.0	▼		76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	85.7		▲	79.6		▲	78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	63.1		▲	48.3		▲	46.7

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 447 Baltimore School Complex, Ferryland  
 Grades: K-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=9]	School		District [N=1,450]	School		Province [N=2,518]
				Below	Above District		Below	Above Province	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	79.6		▲	72.1		▲	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	97.2		▲	82.3		▲	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	55.6	▼		61.5	▼		59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	100.0		▲	82.4		▲	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	55.6	▼		67.2	▼		66.9
31A	9PR4 (L2)	Determine an inequality	75.0	▼		80.3	▼		79.8
31B	9PR4 (L2)	Graph a given inequality	27.8	▼		31.3	▼		31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	38.9		▲	31.3		▲	33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	66.7		▲	62.7		▲	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	69.4		▲	61.2		▲	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	63.9	▼		71.1	▼		69.4
36	9SS3 (L2)	Determine the scale factor	100.0		▲	77.0		▲	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	94.4		▲	79.6		▲	78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	38.9	▼		48.3	▼		46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

127

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 464 Crescent Collegiate, Blaketown

Grades: 7-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=46]	School Below Above District	District [N=1,450]	School Below Above Province	Province [N=2,518]
<b><i>Number</i></b>							
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	73.9	▲	72.1	▲	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	81.5	▼	82.3	▼	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	46.2	▼	61.5	▼	59.7
<b><i>Patterns and Relations</i></b>							
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	75.0	▼	82.4	▼	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	62.0	▼	67.2	▼	66.9
31A	9PR4 (L2)	Determine an inequality	74.5	▼	80.3	▼	79.8
31B	9PR4 (L2)	Graph a given inequality	25.0	▼	31.3	▼	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	24.6	▼	31.3	▼	33.0
<b><i>Shape and Space</i></b>							
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	68.5	▲	62.7	▲	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	51.6	▼	61.2	▼	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	66.3	▼	71.1	▼	69.4
36	9SS3 (L2)	Determine the scale factor	76.1	▼	77.0	▼	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	81.5	▲	79.6	▲	78.9
<b><i>Statistics and Probability</i></b>							
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	45.7	▼	48.3	▼	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

128

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 465 Holy Cross Junior High, St. John's  
 Grades: 7-9

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=22]	School		District [N=1,450]	School		Province [N=2,518]
				Below	Above		Below	Above	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	68.9	▼		72.1	▼		73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	67.0	▼		82.3	▼		82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	40.9	▼		61.5	▼		59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	56.8	▼		82.4	▼		82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	11.4	▼		67.2	▼		66.9
31A	9PR4 (L2)	Determine an inequality	42.0	▼		80.3	▼		79.8
31B	9PR4 (L2)	Graph a given inequality	22.7	▼		31.3	▼		31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	13.6	▼		31.3	▼		33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	63.6		▲	62.7	▼		64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	38.6	▼		61.2	▼		61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	45.5	▼		71.1	▼		69.4
36	9SS3 (L2)	Determine the scale factor	43.2	▼		77.0	▼		76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	56.8	▼		79.6	▼		78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	40.9	▼		48.3	▼		46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

129

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 471 Heritage Collegiate, Lethbridge

Grades: 7-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=9]	School		District [N=1,450]	School		Province [N=2,518]
				Below	Above		Below	Above	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	51.9	▼		72.1	▼		73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	77.8	▼		82.3	▼		82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	58.3	▼		61.5	▼		59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	72.2	▼		82.4	▼		82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	33.3	▼		67.2	▼		66.9
31A	9PR4 (L2)	Determine an inequality	52.8	▼		80.3	▼		79.8
31B	9PR4 (L2)	Graph a given inequality	33.3		▲	31.3		▲	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	0.0	▼		31.3	▼		33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	33.3	▼		62.7	▼		64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	38.9	▼		61.2	▼		61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	44.4	▼		71.1	▼		69.4
36	9SS3 (L2)	Determine the scale factor	66.7	▼		77.0	▼		76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	33.3	▼		79.6	▼		78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	38.9	▼		48.3	▼		46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

130

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 4 - Eastern

School #: 476 Baccalieu Collegiate, Old Perlican  
 Grades: 7-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=15]	School Below Above District	District [N=1,450]	School Below Above Province	Province [N=2,518]
<b><i>Number</i></b>							
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	73.3	▲	72.1	▲	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	81.7	▼	82.3	▼	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	65.0	▲	61.5	▲	59.7
<b><i>Patterns and Relations</i></b>							
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	80.0	▼	82.4	▼	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	26.7	▼	67.2	▼	66.9
31A	9PR4 (L2)	Determine an inequality	65.0	▼	80.3	▼	79.8
31B	9PR4 (L2)	Graph a given inequality	33.3	▲	31.3	▲	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	43.3	▲	31.3	▲	33.0
<b><i>Shape and Space</i></b>							
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	40.0	▼	62.7	▼	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	60.0	▼	61.2	▼	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	80.0	▲	71.1	▲	69.4
36	9SS3 (L2)	Determine the scale factor	66.7	▼	77.0	▼	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	100.0	▲	79.6	▲	78.9
<b><i>Statistics and Probability</i></b>							
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	56.7	▲	48.3	▲	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

131

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 4 - Eastern

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

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=17]	School		District [N=1,450]	School		Province [N=2,518]
				Below	Above		Below	Above	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	62.7	▼		72.1	▼		73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	82.4		▲	82.3		▲	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	52.9	▼		61.5	▼		59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	75.0	▼		82.4	▼		82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	61.8	▼		67.2	▼		66.9
31A	9PR4 (L2)	Determine an inequality	77.9	▼		80.3	▼		79.8
31B	9PR4 (L2)	Graph a given inequality	29.4	▼		31.3	▼		31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	13.7	▼		31.3	▼		33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	58.8	▼		62.7	▼		64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	54.4	▼		61.2	▼		61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	58.8	▼		71.1	▼		69.4
36	9SS3 (L2)	Determine the scale factor	70.6	▼		77.0	▼		76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	76.5	▼		79.6	▼		78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	58.8		▲	48.3		▲	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

132

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 5 - Conseil scolaire francophone

School #: 107 École Ste-Anne, La Grand'Terre (Mainland)  
 Grades: K-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=3]	School Below District	School Above District	District [N=4]	School Below Province	School Above Province	Province [N=2,518]	
<b><i>Number</i></b>										
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality	▼		45.8	▼		73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation		▲		37.5	▼		82.2	
28	9N6 (L3)	Estimate the square root of a positive rational number		▲		0.0	▼		59.7	
<b><i>Patterns and Relations</i></b>										
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations		▼		50.0	▼		82.4	
30	9PR3 (L2)	Identify an error in solving a linear equation		▲		50.0	▼		66.9	
31A	9PR4 (L2)	Determine an inequality		▲		68.8	▼		79.8	
31B	9PR4 (L2)	Graph a given inequality		▲		12.5	▼		31.1	
32	9PR6/7 (L3)	Solve a problem with polynomial expressions		▲		20.8	▼		33.0	
<b><i>Shape and Space</i></b>										
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▲		50.0		▲		64.2	
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▼		12.5	▼			61.8	
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	▲		25.0	▼			69.4	
36	9SS3 (L2)	Determine the scale factor	▲		25.0	▼			76.2	
37	9SS4 (L2)	Draw a 2-D shape to scale	▼		75.0	▼			78.9	
<b><i>Statistics and Probability</i></b>										
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	▼		25.0	▼			46.7	

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (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=1]	School Below District	School Above District	District [N=4]	School Below Province	School Above Province	Province [N=2,518]	
<b><i>Number</i></b>										
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality		▲	45.8		▼	73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation		▼		37.5		▼	82.2	
28	9N6 (L3)	Estimate the square root of a positive rational number			▲	0.0		▼	59.7	
<b><i>Patterns and Relations</i></b>										
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations			▲	50.0		▲	82.4	
30	9PR3 (L2)	Identify an error in solving a linear equation		▼		50.0		▼	66.9	
31A	9PR4 (L2)	Determine an inequality		▼		68.8		▼	79.8	
31B	9PR4 (L2)	Graph a given inequality		▼		12.5		▼	31.1	
32	9PR6/7 (L3)	Solve a problem with polynomial expressions		▼		20.8		▼	33.0	
<b><i>Shape and Space</i></b>										
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▼		50.0		▼	64.2		
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem		▲	12.5		▼	61.8		
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	▼		25.0		▼	69.4		
36	9SS3 (L2)	Determine the scale factor	▼		25.0		▼	76.2		
37	9SS4 (L2)	Draw a 2-D shape to scale		▲	75.0		▲	78.9		
<b><i>Statistics and Probability</i></b>										
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population		▲	25.0		▲	46.7		

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

134

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 803 - Private

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

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=1]	School		District [N=26]	School		Province [N=2,518]	
				Below District	Above District		Below Province	Above Province		
<b><i>Number</i></b>										
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality		▲	93.6		▲	73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation			▲	97.1		▲	82.2	
28	9N6 (L3)	Estimate the square root of a positive rational number			▲	68.3		▲	59.7	
<b><i>Patterns and Relations</i></b>										
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations			▲	96.2		▲	82.4	
30	9PR3 (L2)	Identify an error in solving a linear equation			▲	86.5		▲	66.9	
31A	9PR4 (L2)	Determine an inequality			▲	94.2		▲	79.8	
31B	9PR4 (L2)	Graph a given inequality			▲	36.5		▲	31.1	
32	9PR6/7 (L3)	Solve a problem with polynomial expressions			▲	41.0		▲	33.0	
<b><i>Shape and Space</i></b>										
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem		▲	69.2		▲	64.2		
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem		▼	87.5		▲	61.8		
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons		▲	82.7		▲	69.4		
36	9SS3 (L2)	Determine the scale factor		▲	92.3		▲	76.2		
37	9SS4 (L2)	Draw a 2-D shape to scale		▲	98.1		▲	78.9		
<b><i>Statistics and Probability</i></b>										
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population		▼	71.2		▼	46.7		

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 803 - Private

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

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=18]	School		District [N=26]	School		Province [N=2,518]
				Below	Above		Below	Above	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	90.7	▼		93.6		▲	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	98.6		▲	97.1		▲	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	56.9	▼		68.3	▼		59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	97.2		▲	96.2		▲	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	80.6	▼		86.5		▲	66.9
31A	9PR4 (L2)	Determine an inequality	91.7	▼		94.2		▲	79.8
31B	9PR4 (L2)	Graph a given inequality	36.1	▼		36.5		▲	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	35.2	▼		41.0		▲	33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	72.2		▲	69.2		▲	64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	88.9		▲	87.5		▲	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	80.6	▼		82.7		▲	69.4
36	9SS3 (L2)	Determine the scale factor	94.4		▲	92.3		▲	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	97.2	▼		98.1		▲	78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	72.2		▲	71.2		▲	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

136

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 803 - Private

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

Grades: K-12

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=6]	School		District [N=26]	School		Province [N=2,518]
				Below	Above District		Below	Above Province	
<b><i>Number</i></b>									
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	100.0		▲	93.6		▲	73.0
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation	91.7	▼		97.1		▲	82.2
28	9N6 (L3)	Estimate the square root of a positive rational number	91.7		▲	68.3		▲	59.7
<b><i>Patterns and Relations</i></b>									
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations	91.7	▼		96.2		▲	82.4
30	9PR3 (L2)	Identify an error in solving a linear equation	100.0		▲	86.5		▲	66.9
31A	9PR4 (L2)	Determine an inequality	100.0		▲	94.2		▲	79.8
31B	9PR4 (L2)	Graph a given inequality	33.3	▼		36.5		▲	31.1
32	9PR6/7 (L3)	Solve a problem with polynomial expressions	44.4		▲	41.0		▲	33.0
<b><i>Shape and Space</i></b>									
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	50.0	▼		69.2	▼		64.2
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	87.5		▲	87.5		▲	61.8
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	83.3		▲	82.7		▲	69.4
36	9SS3 (L2)	Determine the scale factor	83.3	▼		92.3		▲	76.2
37	9SS4 (L2)	Draw a 2-D shape to scale	100.0		▲	98.1		▲	78.9
<b><i>Statistics and Probability</i></b>									
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	75.0		▲	71.2		▲	46.7

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Source: Division of Evaluation and Research, Department of Education

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

**Level1 - Knowledge / Comprehension;**

**Level2 - Applications;**

**Level3 - Analysis/Synthesis/Evaluation**

Items 30, 33, 36, 37 valued at 1 mark

Items 27, 28, 29, 34, 35, 38 valued at 2 marks each.

Items 26, 31, 32 valued at 3 marks each.

10/11/2012

137

**Intermediate Math**  
**Provincial Assessment, June 2012**  
**Female School Report - Written Response**  
 (Item Analysis: % of content answered correctly)

District 803 - Private

School #: 469 Immaculate Heart of Mary School, Corner Brook

Grades: K-9

Item Number	Outcome(s) Cognitive Level	Outcome Description	School [N=1]	School		District [N=26]	School		Province [N=2,518]	
				Below	Above		Below	Above		
<b><u>Number</u></b>										
26	9N3/4 (L2)	Apply the order of operations to rational numbers and compare	School data with 5 or fewer students withheld for reasons of confidentiality		▲	93.6		▲	73.0	
27	9N5 (L3)	Applying square roots of positive rational numbers in a problem solving situation		▲		97.1		▲	82.2	
28	9N6 (L3)	Estimate the square root of a positive rational number		▲		68.3		▲	59.7	
<b><u>Patterns and Relations</u></b>										
29	9PR1/3 (L2)	Represent and solve a given problem using linear equations		▲		96.2		▲	82.4	
30	9PR3 (L2)	Identify an error in solving a linear equation		▲		86.5		▲	66.9	
31A	9PR4 (L2)	Determine an inequality		▲		94.2		▲	79.8	
31B	9PR4 (L2)	Graph a given inequality		▲		36.5		▲	31.1	
32	9PR6/7 (L3)	Solve a problem with polynomial expressions		▲		41.0		▲	33.0	
<b><u>Shape and Space</u></b>										
33	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▲		69.2		▲	64.2		
34	9SS2 (L2)	Determine the surface area of composite 3-D shapes to solve a given problem	▼		87.5		▲	61.8		
35	9SS3 (L3)	Solve a given problem using the properties of similar polygons	▲		82.7		▲	69.4		
36	9SS3 (L2)	Determine the scale factor	▲		92.3		▲	76.2		
37	9SS4 (L2)	Draw a 2-D shape to scale	▲		98.1		▲	78.9		
<b><u>Statistics and Probability</u></b>										
38	9SP2 (L3)	Select & defend the choice of using either a population or a sample of a population	▲		71.2		▲	46.7		