

(Item Analysis: % of content answered correctly)

NLESD - Labrador Region

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

Grades: K,3-5,7-10,12

9N1 (L1) Evaluate powers with rational number bases 9N2 (L2) Apply the laws of exponents to simplify expressions involving powers 9N2 (L2) Apply the laws of exponents to simplify expressions involving powers 9N3 (L3) Compare and order rational numbers 9N4 (L1) Identify order of operations of rational numbers 9N5 (L3) Estimate the square root of a rational, perfect square number Patterns and Relations PPR2 (L1) Match a linear relation with its corresponding graph 9PR1 (L3) Extrapolate a linear relation PPR1 (L2) Identify graph for a linear equation 9PR5 (L1) Identify the expression for a given polynomial 9PR6 (L2) Simplify a polynomial expression 9PR7 (L2) Identify the model of division of a polynomial by a monomial 9PR3 (L2) Solve and represent a linear inequality Shape and Space 9SS5 (L2) Complete a 2-D shape using a line of symmetry 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties	-	School Region [N=3] [N=239]	Outcome Description	Outcome(s) Cognitive Level
9N1 (L1) Evaluate powers with rational number bases 9N1 (L1) Evaluate powers with rational number bases 9N2 (L2) Apply the laws of exponents to simplify expressions involving powers 9N3 (L3) Compare and order rational numbers 9N3 (L3) Compare and order rational numbers 9N4 (L1) Identify order of operations of rational numbers 9N5 (L3) Estimate the square root of a rational, perfect square number Patterns and Relations PPR1 (L3) Extrapolate a linear relation 9PR5 (L1) Identify graph for a linear equation 9PR6 (L2) Simplify a polynomial expression 9PR6 (L2) Simplify a polynomial expression 9PR7 (L2) Identify the model of division of a polynomial by a monomial 9PR3 (L2) Solve and represent a linear inequality Shape and Space 9SS5 (L1) Determine the angle and order of rotational symmetry 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties		School data		<u>Number</u>
9N2 (L2) Apply the laws of exponents to simplify expressions involving powers 9N2 (L2) Apply the laws of exponents to simplify expressions involving powers 9N3 (L3) Compare and order rational numbers 9N4 (L1) Identify order of operations of rational numbers 9N5 (L3) Estimate the square root of a rational, perfect square number Patterns and Relations PPR2 (L1) Match a linear relation with its corresponding graph 9PR1 (L3) Extrapolate a linear relation PPR1 (L2) Identify the expression for a given polynomial 9PR6 (L2) Simplify a polynomial expression 9PR6 (L2) Simplify a polynomial expression 9PR7 (L2) Identify the model of division of a polynomial by a monomial 9PR3 (L2) Solve and represent a linear inequality Shape and Space 9SS5 (L1) Determine the angle and order of rotational symmetry 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties	51.7 58.4		Evaluate powers with rational number bases	9N1 (L1)
9N2 (L2) Apply the laws of exponents to simplify expressions involving powers 9N3 (L3) Compare and order rational numbers 9N4 (L1) Identify order of operations of rational numbers 9N5 (L3) Estimate the square root of a rational, perfect square number 7N5 (L3) Estimate the square root of a rational, perfect square number 8NF (L3) Extrapolate a linear relation with its corresponding graph 9PR1 (L3) Extrapolate a linear relation 9PR5 (L1) Identify graph for a linear equation 9PR6 (L2) Simplify a polynomial expression 9PR6 (L2) Simplify a polynomial expression 9PR6 (L2) Simplify a polynomial expression 9PR7 (L2) Identify the model of division of a polynomial by a monomial 9PR3 (L2) Solve a linear equation 9PR4 (L2) Solve and represent a linear inequality 9PR4 (L2) Solve and represent a linear inequality 9SS5 (L2) Complete a 2-D shape using a line of symmetry 9SS5 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 5SOlve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 5SOlve the unknown values using circle properties 6SOLVE Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 5SOLVE Solve the unknown values using circle properties	65.6 71.7	00.0	Evaluate powers with rational number bases	9N1 (L1)
9N3 (L2) Apply the laws of exponents to simplify expressions involving powers 9N3 (L3) Compare and order rational numbers 9N4 (L1) Identify order of operations of rational numbers 9N5 (L3) Estimate the square root of a rational, perfect square number Patterns and Relations 9PR2 (L1) Match a linear relation with its corresponding graph 9PR1 (L3) Extrapolate a linear relation PPR1 (L2) Identify graph for a linear equation 9PR5 (L1) Identify the expression for a given polynomial 9PR6 (L2) Simplify a polynomial expression 9PR6 (L2) Simplify a polynomial expression 9PR7 (L2) Identify the model of division of a polynomial by a monomial 9PR3 (L2) Solve a linear equation 9PR4 (L2) Solve and represent a linear inequality Shape and Space 9SS5 (L2) Complete a 2-D shape using a line of symmetry 9SS5 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties	55.5 67.7	55.5	Apply the laws of exponents to simplify expressions involving powers	9N2 (L2)
9N3 (13) Compare and order rational numbers 9N4 (L1) Identify order of operations of rational numbers 9N5 (L3) Estimate the square root of a rational, perfect square number Patterns and Relations 9PR2 (L1) Match a linear relation with its corresponding graph 9PR1 (L3) Extrapolate a linear relation 9PR1 (L2) Identify graph for a linear equation 9PR5 (L1) Identify the expression for a given polynomial 9PR6 (L2) Simplify a polynomial expression 9PR7 (L2) Identify the model of division of a polynomial by a monomial 9PR3 (L2) Solve a linear equation 9PR4 (L2) Solve and represent a linear inequality Shape and Space 9SS5 (L2) Complete a 2-D shape using a line of symmetry 9SS5 (L2) Solve the unknown values using circle properties 7SSS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties	59.7 66.9		Apply the laws of exponents to simplify expressions involving powers	9N2 (L2)
9N5 (L3) Estimate the square root of a rational, perfect square number Patterns and Relations PRT Section	71.9 77.3	71.9	Compare and order rational numbers	9N3 (L3)
Patterns and Relations 9PR2 (L1) Match a linear relation with its corresponding graph 9PR1 (L3) Extrapolate a linear relation 9PR1 (L2) Identify graph for a linear equation 9PR5 (L1) Identify the expression for a given polynomial 9PR6 (L2) Simplify a polynomial expression 9PR6 (L2) Simplify a polynomial expression 9PR7 (L2) Identify the model of division of a polynomial by a monomial 9PR3 (L2) Solve a linear equation 44 9PR4 (L2) Solve and represent a linear inequality Shape and Space 9SS5 (L2) Complete a 2-D shape using a line of symmetry 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties	47.1 52.1	47.1	Identify order of operations of rational numbers	9N4 (L1)
9PR2 (L1) Match a linear relation with its corresponding graph 9PR1 (L3) Extrapolate a linear relation 9PR1 (L2) Identify graph for a linear equation 9PR5 (L1) Identify the expression for a given polynomial 9PR6 (L2) Simplify a polynomial expression 9PR6 (L2) Simplify a polynomial expression 9PR7 (L2) Identify the model of division of a polynomial by a monomial 9PR3 (L2) Solve a linear equation 9PR4 (L2) Solve and represent a linear inequality Shape and Space 9SS5 (L2) Complete a 2-D shape using a line of symmetry 9SS5 (L1) Determine the angle and order of rotational symmetry 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 5 9SS1 (L2) Solve the unknown values using circle properties 6 9SS1 (L2) Solve the unknown values using circle properties 6	74.0 72.0	74.0	Estimate the square root of a rational, perfect square number	9N5 (L3)
9PR1 (L3) Extrapolate a linear relation 9PR1 (L2) Identify graph for a linear equation 9PR5 (L1) Identify the expression for a given polynomial 9PR6 (L2) Simplify a polynomial expression 9PR7 (L2) Identify the model of division of a polynomial by a monomial 9PR8 (L2) Solve a linear equation 9PR9 (L2) Solve and represent a linear inequality 9PR4 (L2) Solve and represent a linear inequality Shape and Space 9SS5 (L2) Complete a 2-D shape using a line of symmetry 9SS5 (L1) Determine the angle and order of rotational symmetry 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties				Patterns and Relations
PPR1 (L2) Identify graph for a linear equation 9PR5 (L1) Identify the expression for a given polynomial 9PR6 (L2) Simplify a polynomial expression 9PR6 (L2) Simplify a polynomial expression 9PR7 (L2) Identify the model of division of a polynomial by a monomial 9PR3 (L2) Solve a linear equation 9PR4 (L2) Solve and represent a linear inequality Shape and Space 9SS5 (L2) Complete a 2-D shape using a line of symmetry 9SS5 (L1) Determine the angle and order of rotational symmetry 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties	75.1 78.5	75.1	Match a linear relation with its corresponding graph	9PR2 (L1)
9PR5 (L1) Identify the expression for a given polynomial 9PR6 (L2) Simplify a polynomial expression 9PR6 (L2) Simplify a polynomial expression 70 9PR7 (L2) Identify the model of division of a polynomial by a monomial 9PR3 (L2) Solve a linear equation 9PR4 (L2) Solve and represent a linear inequality Shape and Space 9SS5 (L2) Complete a 2-D shape using a line of symmetry 9SS5 (L1) Determine the angle and order of rotational symmetry 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties	93.7 93.8	93.7	Extrapolate a linear relation	9PR1 (L3)
9PR6 (L2) Simplify a polynomial expression 9PR6 (L2) Simplify a polynomial expression 7R 9PR7 (L2) Identify the model of division of a polynomial by a monomial 9PR3 (L2) Solve a linear equation 9PR4 (L2) Solve and represent a linear inequality Shape and Space 9SS5 (L2) Complete a 2-D shape using a line of symmetry 9SS5 (L1) Determine the angle and order of rotational symmetry 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties	61.6 61.4	61.6	Identify graph for a linear equation	PPR1 (L2)
9PR6 (L2) Simplify a polynomial expression 9PR7 (L2) Identify the model of division of a polynomial by a monomial 9PR3 (L2) Solve a linear equation 9PR4 (L2) Solve and represent a linear inequality Shape and Space 9SS5 (L2) Complete a 2-D shape using a line of symmetry 9SS5 (L1) Determine the angle and order of rotational symmetry 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties	79.8 82.0	79.8	Identify the expression for a given polynomial	9PR5 (L1)
9PR7 (L2) 9PR3 (L2) Solve a linear equation 9PR4 (L2) Solve and represent a linear inequality Shape and Space 9SS5 (L2) Complete a 2-D shape using a line of symmetry 9SS5 (L1) Determine the angle and order of rotational symmetry 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 6S	76.4 75.5	76.4	Simplify a polynomial expression	9PR6 (L2)
9PR3 (L2) Solve a linear equation 9PR4 (L2) Solve and represent a linear inequality Shape and Space 9SS5 (L2) Complete a 2-D shape using a line of symmetry 9SS5 (L1) Determine the angle and order of rotational symmetry 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 5SOLVE the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties	78.5 81.4	78.5	Simplify a polynomial expression	9PR6 (L2)
9PR4 (L2)Solve and represent a linear inequalityShape and Space9SS5 (L2)Complete a 2-D shape using a line of symmetry9SS5 (L1)Determine the angle and order of rotational symmetry9SS1 (L2)Solve the unknown values using circle properties9SS1 (L2)Solve the unknown values using circle properties	59.9 68.7	59.9	Identify the model of division of a polynomial by a monomial	9PR7 (L2)
Shape and Space 9SS5 (L2) Complete a 2-D shape using a line of symmetry 9SS5 (L1) Determine the angle and order of rotational symmetry 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties	49.8 58.4	49.8	Solve a linear equation	9PR3 (L2)
9SS5 (L2) Complete a 2-D shape using a line of symmetry 9SS5 (L1) Determine the angle and order of rotational symmetry 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 6S	40.1 42.2	40.1	Solve and represent a linear inequality	9PR4 (L2)
9SS5 (L1) Determine the angle and order of rotational symmetry 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties				Shape and Space
9SS5 (L1) Determine the angle and order of rotational symmetry 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 7SSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSS	87.0 85.8	87.0	Complete a 2-D shape using a line of symmetry	9SS5 (L2)
9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 75 9SS1 (L2) Solve the unknown values using circle properties 55 9SS1 (L2) Solve the unknown values using circle properties 65	69.3 71.2	69.3	Determine the angle and order of rotational symmetry	9SS5 (L1)
9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 6S	75.2 77.3	75.2	Solve the unknown values using circle properties	9SS1 (L2)
9SS1 (L2) Solve the unknown values using circle properties 9SS1 (L2) Solve the unknown values using circle properties 69	67.2 65.0	67.2	Solve the unknown values using circle properties	9SS1 (L2)
9SS1 (L2) Solve the unknown values using circle properties 69	79.0 79.3	79.0	Solve the unknown values using circle properties	9SS1 (L2)
	57.6 57.3	57.6	Solve the unknown values using circle properties	9SS1 (L2)
Statistics and Probability	69.3 77.5	69.3	Solve the unknown values using circle properties	9SS1 (L2)
				Statistics and Probability
	20.4	20.4	Market the transfer as he had the	000 (# 1)
35. (=)		38.4 85.2		
9SP4 (L3) Identify a potential problem in given case study 8:	00.0	00.2	identity a potential problem in given case study	30F4 (LU)



(Item Analysis: % of content answered correctly)

NLESD - Labrador Region

School #: 002 Henry Gordon Academy, Cartwright

Grades: K-12

Outcome(s) Cognitive Level	Outcome Description	School [N=8]	Region [N=239]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	62.5	51.7	58.4
9N1 (L1)	Evaluate powers with rational number bases	37.5	65.6	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	50.0	55.5	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	50.0	59.7	66.9
9N3 (L3)	Compare and order rational numbers	75.0	71.9	77.3
9N4 (L1)	Identify order of operations of rational numbers	25.0	47.1	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	75.0	74.0	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	100.0	75.1	78.5
9PR1 (L3)	Extrapolate a linear relation	100.0	93.7	93.8
PPR1 (L2)	Identify graph for a linear equation	62.5	61.6	61.4
9PR5 (L1)	Identify the expression for a given polynomial	100.0	79.8	82.0
9PR6 (L2)	Simplify a polynomial expression	87.5	76.4	75.5
9PR6 (L2)	Simplify a polynomial expression	87.5	78.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	62.5	59.9	68.7
9PR3 (L2)	Solve a linear equation	50.0	49.8	58.4
9PR4 (L2)	Solve and represent a linear inequality	50.0	40.1	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	87.5	87.0	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	87.5	69.3	71.2
9SS1 (L2)	Solve the unknown values using circle properties	75.0	75.2	77.3
9SS1 (L2)	Solve the unknown values using circle properties	87.5	67.2	65.0
9SS1 (L2)	Solve the unknown values using circle properties	87.5	79.0	79.3
9SS1 (L2)	Solve the unknown values using circle properties	75.0	57.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties	62.5	69.3	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	75.0	38.4	42.8
9SP4 (L3)	Identify a potential problem in given case study	87.5	85.2	88.0

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(Item Analysis: % of content answered correctly)

NLESD - Labrador Region

School #: 007 Amos Comenius Memorial School, Hopedale

Outcome(s) Cognitive Level	Outcome Description	School [N=7]	Region [N=239]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	42.9	51.7	58.4
9N1 (L1)	Evaluate powers with rational number bases	42.9	65.6	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	71.4	55.5	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	28.6	59.7	66.9
9N3 (L3)	Compare and order rational numbers	42.9	71.9	77.3
9N4 (L1)	Identify order of operations of rational numbers	14.3	47.1	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	57.1	74.0	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	85.7	75.1	78.5
9PR1 (L3)	Extrapolate a linear relation	71.4	93.7	93.8
PPR1 (L2)	Identify graph for a linear equation	42.9	61.6	61.4
9PR5 (L1)	Identify the expression for a given polynomial	42.9	79.8	82.0
9PR6 (L2)	Simplify a polynomial expression	28.6	76.4	75.5
9PR6 (L2)	Simplify a polynomial expression	14.3	78.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	57.1	59.9	68.7
9PR3 (L2)	Solve a linear equation	57.1	49.8	58.4
9PR4 (L2)	Solve and represent a linear inequality	57.1	40.1	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	71.4	87.0	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	85.7	69.3	71.2
9SS1 (L2)	Solve the unknown values using circle properties	28.6	75.2	77.3
9SS1 (L2)	Solve the unknown values using circle properties	71.4	67.2	65.0
9SS1 (L2)	Solve the unknown values using circle properties	42.9	79.0	79.3
9SS1 (L2)	Solve the unknown values using circle properties	57.1	57.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties	71.4	69.3	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	42.9	38.4	42.8
9SP4 (L3)	Identify a potential problem in given case study	71.4	85.2	88.0



(Item Analysis: % of content answered correctly)

NLESD - Labrador Region

School #: 010 Menihek High School, Labrador City

Grades: 8-12

Outcome(s) Cognitive Level	Outcome Description	School [N=107]	Region [N=239]	Province [N=4,979
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	67.9	51.7	58.4
9N1 (L1)	Evaluate powers with rational number bases	78.3	65.6	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	69.8	55.5	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	71.7	59.7	66.9
9N3 (L3)	Compare and order rational numbers	72.6	71.9	77.3
9N4 (L1)	Identify order of operations of rational numbers	40.6	47.1	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	77.4	74.0	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	74.3	75.1	78.5
9PR1 (L3)	Extrapolate a linear relation	91.4	93.7	93.8
PPR1 (L2)	Identify graph for a linear equation	68.6	61.6	61.4
9PR5 (L1)	Identify the expression for a given polynomial	83.8	79.8	82.0
9PR6 (L2)	Simplify a polynomial expression	81.0	76.4	75.5
9PR6 (L2)	Simplify a polynomial expression	83.8	78.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	47.6	59.9	68.7
9PR3 (L2)	Solve a linear equation	56.2	49.8	58.4
9PR4 (L2)	Solve and represent a linear inequality	52.4	40.1	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	90.6	87.0	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	70.8	69.3	71.2
9SS1 (L2)	Solve the unknown values using circle properties	84.0	75.2	77.3
9SS1 (L2)	Solve the unknown values using circle properties	68.9	67.2	65.0
9SS1 (L2)	Solve the unknown values using circle properties	84.9	79.0	79.3
9SS1 (L2)	Solve the unknown values using circle properties	64.2	57.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties	71.7	69.3	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	44.8	38.4	42.8
9SP4 (L3)	Identify a potential problem in given case study	85.7	85.2	88.0



(Item Analysis: % of content answered correctly)

NLESD - Labrador Region

School #: 012 J.C. Erhardt Memorial School, Makkovik

Grades: K-6,8-12

Outcome(s) Cognitive Level	Outcome Description	School [N=4]	Region [N=239]	Province [N=4,979]
Number		Others Late		
9N1 (L1)	Evaluate powers with rational number bases	School data with 5 or fewer	51.7	58.4
9N1 (L1)	Evaluate powers with rational number bases Evaluate powers with rational number bases	students	65.6	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	withheld for	55.5	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	reasons of	59.7	66.9
9N3 (L3)	Compare and order rational numbers	confidentiality.	71.9	77.3
9N4 (L1)	Identify order of operations of rational numbers		47.1	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number		74.0	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph		75.1	78.5
9PR1 (L3)	Extrapolate a linear relation		93.7	93.8
PPR1 (L2)	Identify graph for a linear equation		61.6	61.4
9PR5 (L1)	Identify the expression for a given polynomial	•	79.8	82.0
9PR6 (L2)	Simplify a polynomial expression		76.4	75.5
9PR6 (L2)	Simplify a polynomial expression	1	78.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial		59.9	68.7
9PR3 (L2)	Solve a linear equation	•	49.8	58.4
9PR4 (L2)	Solve and represent a linear inequality		40.1	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry		87.0	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry		69.3	71.2
9SS1 (L2)	Solve the unknown values using circle properties	•	75.2	77.3
9SS1 (L2)	Solve the unknown values using circle properties		67.2	65.0
9SS1 (L2)	Solve the unknown values using circle properties		79.0	79.3
9SS1 (L2)	Solve the unknown values using circle properties		57.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties		69.3	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability		38.4	42.8
9SP4 (L3)	Identify a potential problem in given case study	i	85.2	88.0



(Item Analysis: % of content answered correctly)

NLESD - Labrador Region

School #: 014 Jens Haven Memorial, Nain

Outcome(s) Cognitive Level	Outcome Description	School [N=13]	Region [N=239]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	7.7	51.7	58.4
9N1 (L1)	Evaluate powers with rational number bases	30.8	65.6	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	38.5	55.5	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	38.5	59.7	66.9
9N3 (L3)	Compare and order rational numbers	53.9	71.9	77.3
9N4 (L1)	Identify order of operations of rational numbers	46.2	47.1	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	61.5	74.0	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	53.9	75.1	78.5
9PR1 (L3)	Extrapolate a linear relation	100.0	93.7	93.8
PPR1 (L2)	Identify graph for a linear equation	46.2	61.6	61.4
9PR5 (L1)	Identify the expression for a given polynomial	30.8	79.8	82.0
9PR6 (L2)	Simplify a polynomial expression	46.2	76.4	75.5
9PR6 (L2)	Simplify a polynomial expression	69.2	78.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	53.9	59.9	68.7
9PR3 (L2)	Solve a linear equation	23.1	49.8	58.4
9PR4 (L2)	Solve and represent a linear inequality	38.5	40.1	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	61.5	87.0	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	53.9	69.3	71.2
9SS1 (L2)	Solve the unknown values using circle properties	53.9	75.2	77.3
9SS1 (L2)	Solve the unknown values using circle properties	38.5	67.2	65.0
9SS1 (L2)	Solve the unknown values using circle properties	53.9	79.0	79.3
9SS1 (L2)	Solve the unknown values using circle properties	38.5	57.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties	53.9	69.3	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	38.5	38.4	42.8
9SP4 (L3)	Identify a potential problem in given case study	76.9	85.2	88.0



(Item Analysis: % of content answered correctly)

NLESD - Labrador Region

School #: 015 Lake Melville School, North West River

Outcome(s) Cognitive Level	Outcome Description	School [N=4]	Region [N=239]	Province [N=4,979]
Number		Cabaal data		
9N1 (L1)	Evaluate powers with rational number bases	School data with 5 or fewer students	51.7	58.4
9N1 (L1)	Evaluate powers with rational number bases		65.6	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	withheld for	55.5	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	reasons of	59.7	66.9
9N3 (L3)	Compare and order rational numbers	confidentiality.	71.9	77.3
9N4 (L1)	Identify order of operations of rational numbers		47.1	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	•	74.0	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	•	75.1	78.5
9PR1 (L3)	Extrapolate a linear relation	•	93.7	93.8
PPR1 (L2)	Identify graph for a linear equation		61.6	61.4
9PR5 (L1)	Identify the expression for a given polynomial	•	79.8	82.0
9PR6 (L2)	Simplify a polynomial expression		76.4	75.5
9PR6 (L2)	Simplify a polynomial expression		78.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial		59.9	68.7
9PR3 (L2)	Solve a linear equation	•	49.8	58.4
9PR4 (L2)	Solve and represent a linear inequality		40.1	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry		87.0	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry		69.3	71.2
9SS1 (L2)	Solve the unknown values using circle properties	•	75.2	77.3
9SS1 (L2)	Solve the unknown values using circle properties		67.2	65.0
9SS1 (L2)	Solve the unknown values using circle properties	•	79.0	79.3
9SS1 (L2)	Solve the unknown values using circle properties		57.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties	•	69.3	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	•	38.4	42.8
9SP4 (L3)	Identify a potential problem in given case study	l	85.2	88.0



(Item Analysis: % of content answered correctly)

NLESD - Labrador Region

School #: 016 B.L. Morrison, Postville

Outcome(s) Cognitive Level	Outcome Description	School [N=4]	Region [N=239]	Province [N=4,979]
<u>Number</u>		School data		
9N1 (L1)	Evaluate powers with rational number bases	with 5 or fewer	51.7	58.4
9N1 (L1)	Evaluate powers with rational number bases	students	65.6	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	withheld for	55.5	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	reasons of confidentiality.	59.7	66.9
9N3 (L3)	Compare and order rational numbers	cornideritiality.	71.9	77.3
9N4 (L1)	Identify order of operations of rational numbers		47.1	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number		74.0	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph		75.1	78.5
9PR1 (L3)	Extrapolate a linear relation		93.7	93.8
PPR1 (L2)	Identify graph for a linear equation		61.6	61.4
9PR5 (L1)	Identify the expression for a given polynomial		79.8	82.0
9PR6 (L2)	Simplify a polynomial expression		76.4	75.5
9PR6 (L2)	Simplify a polynomial expression		78.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial		59.9	68.7
9PR3 (L2)	Solve a linear equation		49.8	58.4
9PR4 (L2)	Solve and represent a linear inequality		40.1	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry		87.0	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry		69.3	71.2
9SS1 (L2)	Solve the unknown values using circle properties		75.2	77.3
9SS1 (L2)	Solve the unknown values using circle properties		67.2	65.0
9SS1 (L2)	Solve the unknown values using circle properties		79.0	79.3
9SS1 (L2)	Solve the unknown values using circle properties		57.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties		69.3	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability		38.4	42.8
9SP4 (L3)	Identify a potential problem in given case study		85.2	88.0



(Item Analysis: % of content answered correctly)

NLESD - Labrador Region

School #: 017 Northern Lights Academy, Rigolet

Outcome(s) Cognitive Level	Outcome Description	School [N=6]	Region [N=239]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	100.0	51.7	58.4
9N1 (L1)	Evaluate powers with rational number bases	66.7	65.6	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	16.7	55.5	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	16.7	59.7	66.9
9N3 (L3)	Compare and order rational numbers	83.3	71.9	77.3
9N4 (L1)	Identify order of operations of rational numbers	66.7	47.1	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	50.0	74.0	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	66.7	75.1	78.5
9PR1 (L3)	Extrapolate a linear relation	100.0	93.7	93.8
PPR1 (L2)	Identify graph for a linear equation	66.7	61.6	61.4
9PR5 (L1)	Identify the expression for a given polynomial	50.0	79.8	82.0
9PR6 (L2)	Simplify a polynomial expression	50.0	76.4	75.5
9PR6 (L2)	Simplify a polynomial expression	33.3	78.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	83.3	59.9	68.7
9PR3 (L2)	Solve a linear equation	33.3	49.8	58.4
9PR4 (L2)	Solve and represent a linear inequality	0.0	40.1	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	66.7	87.0	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	83.3	69.3	71.2
9SS1 (L2)	Solve the unknown values using circle properties	66.7	75.2	77.3
9SS1 (L2)	Solve the unknown values using circle properties	66.7	67.2	65.0
9SS1 (L2)	Solve the unknown values using circle properties	100.0	79.0	79.3
9SS1 (L2)	Solve the unknown values using circle properties	33.3	57.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties	83.3	69.3	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	50.0	38.4	42.8
9SP4 (L3)	Identify a potential problem in given case study	66.7	85.2	88.0



(Item Analysis: % of content answered correctly)

NLESD - Labrador Region

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

Grades: 8-12

Outcome(s) Cognitive Level	Outcome Description	School [N=83]	Region [N=239]	Province [N=4,979
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	36.1	51.7	58.4
9N1 (L1)	Evaluate powers with rational number bases	62.7	65.6	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	42.2	55.5	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	50.6	59.7	66.9
9N3 (L3)	Compare and order rational numbers	80.7	71.9	77.3
9N4 (L1)	Identify order of operations of rational numbers	59.0	47.1	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	74.7	74.0	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	74.7	75.1	78.5
9PR1 (L3)	Extrapolate a linear relation	95.2	93.7	93.8
PPR1 (L2)	Identify graph for a linear equation	59.0	61.6	61.4
9PR5 (L1)	Identify the expression for a given polynomial	84.3	79.8	82.0
9PR6 (L2)	Simplify a polynomial expression	83.1	76.4	75.5
9PR6 (L2)	Simplify a polynomial expression	83.1	78.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	73.5	59.9	68.7
9PR3 (L2)	Solve a linear equation	45.8	49.8	58.4
9PR4 (L2)	Solve and represent a linear inequality	27.7	40.1	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	88.0	87.0	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	67.5	69.3	71.2
9SS1 (L2)	Solve the unknown values using circle properties	72.3	75.2	77.3
9SS1 (L2)	Solve the unknown values using circle properties	68.7	67.2	65.0
9SS1 (L2)	Solve the unknown values using circle properties	77.1	79.0	79.3
9SS1 (L2)	Solve the unknown values using circle properties	57.8	57.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties	69.9	69.3	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	24.1	38.4	42.8
9SP4 (L3)	Identify a potential problem in given case study	90.4	85.2	88.0



(Item Analysis: % of content answered correctly)

NLESD - Western Region

School #: 022 William Gillett Academy, Charlottetown, LAB

Outcome(s) Cognitive Level	Outcome Description	School [N=5]	Region [N=823]	Province [N=4,979]
<u>Number</u>		School data		
9N1 (L1)	Evaluate powers with rational number bases	with 5 or fewer	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	students	73.8	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	withheld for	69.3	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	reasons of confidentiality.	71.4	66.9
9N3 (L3)	Compare and order rational numbers	confidentiality.	78.8	77.3
9N4 (L1)	Identify order of operations of rational numbers		50.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number		75.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph		80.3	78.5
9PR1 (L3)	Extrapolate a linear relation		95.3	93.8
PPR1 (L2)	Identify graph for a linear equation		61.0	61.4
9PR5 (L1)	Identify the expression for a given polynomial		82.5	82.0
9PR6 (L2)	Simplify a polynomial expression		76.5	75.5
9PR6 (L2)	Simplify a polynomial expression		81.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial		69.8	68.7
9PR3 (L2)	Solve a linear equation		62.2	58.4
9PR4 (L2)	Solve and represent a linear inequality		40.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry		88.4	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry		74.0	71.2
9SS1 (L2)	Solve the unknown values using circle properties		78.8	77.3
9SS1 (L2)	Solve the unknown values using circle properties		67.3	65.0
9SS1 (L2)	Solve the unknown values using circle properties		82.7	79.3
9SS1 (L2)	Solve the unknown values using circle properties		58.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties		81.8	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability		54.3	42.8
9SP4 (L3)	Identify a potential problem in given case study		91.7	88.0



(Item Analysis: % of content answered correctly)

NLESD - Western Region

School #: 023 Sacred Heart AG, Conche

Grades: 1,3,5-7,9-12

Outcome(s) Cognitive Level	Outcome Description	School [N=1]	Region [N=823]	Province [N=4,979]
Number		Oabaal data		
9N1 (L1)	Evaluate powers with rational number bases	School data with 5 or fewer	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	students	73.8	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	withheld for	69.3	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	reasons of	71.4	66.9
9N3 (L3)	Compare and order rational numbers	confidentiality.	78.8	77.3
9N4 (L1)	Identify order of operations of rational numbers		50.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number		75.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph		80.3	78.5
9PR1 (L3)	Extrapolate a linear relation		95.3	93.8
PPR1 (L2)	Identify graph for a linear equation		61.0	61.4
9PR5 (L1)	Identify the expression for a given polynomial		82.5	82.0
9PR6 (L2)	Simplify a polynomial expression		76.5	75.5
9PR6 (L2)	Simplify a polynomial expression		81.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial		69.8	68.7
9PR3 (L2)	Solve a linear equation		62.2	58.4
9PR4 (L2)	Solve and represent a linear inequality		40.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry		88.4	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry		74.0	71.2
9SS1 (L2)	Solve the unknown values using circle properties		78.8	77.3
9SS1 (L2)	Solve the unknown values using circle properties		67.3	65.0
9SS1 (L2)	Solve the unknown values using circle properties		82.7	79.3
9SS1 (L2)	Solve the unknown values using circle properties		58.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties		81.8	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability		54.3	42.8
9SP4 (L3)	Identify a potential problem in given case study		91.7	88.0



(Item Analysis: % of content answered correctly)

NLESD - Western Region

School #: 024 James Cook Memorial, Cook's Harbour

Grades: 1-3,7-12

Outcome(s) Cognitive Level	Outcome Description	School [N=1]	Region [N=823]	Province [N=4,979]
<u>Number</u>		School data		
9N1 (L1)	Evaluate powers with rational number bases	with 5 or fewer	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	students	73.8	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	withheld for	69.3	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	reasons of confidentiality.	71.4	66.9
9N3 (L3)	Compare and order rational numbers	confidentiality.	78.8	77.3
9N4 (L1)	Identify order of operations of rational numbers		50.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	•	75.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph		80.3	78.5
9PR1 (L3)	Extrapolate a linear relation	•	95.3	93.8
PPR1 (L2)	Identify graph for a linear equation		61.0	61.4
9PR5 (L1)	Identify the expression for a given polynomial	•	82.5	82.0
9PR6 (L2)	Simplify a polynomial expression		76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	•	81.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial		69.8	68.7
9PR3 (L2)	Solve a linear equation	•	62.2	58.4
9PR4 (L2)	Solve and represent a linear inequality		40.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry		88.4	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry		74.0	71.2
9SS1 (L2)	Solve the unknown values using circle properties	•	78.8	77.3
9SS1 (L2)	Solve the unknown values using circle properties		67.3	65.0
9SS1 (L2)	Solve the unknown values using circle properties	•	82.7	79.3
9SS1 (L2)	Solve the unknown values using circle properties		58.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties	•	81.8	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability		54.3	42.8
9SP4 (L3)	Identify a potential problem in given case study	•	91.7	88.0



(Item Analysis: % of content answered correctly)

NLESD - Western Region

School #: 026 H.G. Fillier Academy, Englee

Outcome(s) Cognitive Level	Outcome Description	School [N=9]	Region [N=823]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	55.6	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	55.6	73.8	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	44.4	69.3	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	66.7	71.4	66.9
9N3 (L3)	Compare and order rational numbers	55.6	78.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	22.2	50.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	66.7	75.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	66.7	80.3	78.5
9PR1 (L3)	Extrapolate a linear relation	88.9	95.3	93.8
PPR1 (L2)	Identify graph for a linear equation	77.8	61.0	61.4
9PR5 (L1)	Identify the expression for a given polynomial	66.7	82.5	82.0
9PR6 (L2)	Simplify a polynomial expression	55.6	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	66.7	81.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	66.7	69.8	68.7
9PR3 (L2)	Solve a linear equation	33.3	62.2	58.4
9PR4 (L2)	Solve and represent a linear inequality	33.3	40.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	88.9	88.4	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	44.4	74.0	71.2
9SS1 (L2)	Solve the unknown values using circle properties	66.7	78.8	77.3
9SS1 (L2)	Solve the unknown values using circle properties	66.7	67.3	65.0
9SS1 (L2)	Solve the unknown values using circle properties	77.8	82.7	79.3
9SS1 (L2)	Solve the unknown values using circle properties	55.6	58.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties	55.6	81.8	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	22.2	54.3	42.8
9SP4 (L3)	Identify a potential problem in given case study	66.7	91.7	88.0



(Item Analysis: % of content answered correctly)

NLESD - Western Region

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

Outcome(s) Cognitive Level	Outcome Description	School [N=23]	Region [N=823]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	60.9	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	69.6	73.8	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	78.3	69.3	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	73.9	71.4	66.9
9N3 (L3)	Compare and order rational numbers	87.0	78.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	52.2	50.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	87.0	75.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	95.7	80.3	78.5
9PR1 (L3)	Extrapolate a linear relation	91.3	95.3	93.8
PPR1 (L2)	Identify graph for a linear equation	78.3	61.0	61.4
9PR5 (L1)	Identify the expression for a given polynomial	82.6	82.5	82.0
9PR6 (L2)	Simplify a polynomial expression	87.0	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	65.2	81.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	91.3	69.8	68.7
9PR3 (L2)	Solve a linear equation	78.3	62.2	58.4
9PR4 (L2)	Solve and represent a linear inequality	52.2	40.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	87.0	88.4	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	73.9	74.0	71.2
9SS1 (L2)	Solve the unknown values using circle properties	73.9	78.8	77.3
9SS1 (L2)	Solve the unknown values using circle properties	78.3	67.3	65.0
9SS1 (L2)	Solve the unknown values using circle properties	91.3	82.7	79.3
9SS1 (L2)	Solve the unknown values using circle properties	65.2	58.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties	78.3	81.8	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	26.1	54.3	42.8
9SP4 (L3)	Identify a potential problem in given case study	87.0	91.7	88.0



(Item Analysis: % of content answered correctly)

NLESD - Western Region

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

Outcome(s) Cognitive Level	Outcome Description	School [N=1]	Region [N=823]	Province [N=4,979]
<u>Number</u>		School data		
9N1 (L1)	Evaluate powers with rational number bases	with 5 or fewe	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	students	73.8	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	withheld for	69.3	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	reasons of confidentiality.	71.4	66.9
9N3 (L3)	Compare and order rational numbers	cornidentiality.	78.8	77.3
9N4 (L1)	Identify order of operations of rational numbers		50.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number		75.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph		80.3	78.5
9PR1 (L3)	Extrapolate a linear relation		95.3	93.8
PPR1 (L2)	Identify graph for a linear equation		61.0	61.4
9PR5 (L1)	Identify the expression for a given polynomial		82.5	82.0
9PR6 (L2)	Simplify a polynomial expression		76.5	75.5
9PR6 (L2)	Simplify a polynomial expression		81.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial		69.8	68.7
9PR3 (L2)	Solve a linear equation		62.2	58.4
9PR4 (L2)	Solve and represent a linear inequality		40.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry		88.4	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry		74.0	71.2
9SS1 (L2)	Solve the unknown values using circle properties		78.8	77.3
9SS1 (L2)	Solve the unknown values using circle properties		67.3	65.0
9SS1 (L2)	Solve the unknown values using circle properties		82.7	79.3
9SS1 (L2)	Solve the unknown values using circle properties		58.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties		81.8	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability		54.3	42.8
9SP4 (L3)	Identify a potential problem in given case study		91.7	88.0



(Item Analysis: % of content answered correctly)

NLESD - Western Region

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

Outcome(s) Cognitive Level	Outcome Description	School [N=4]	Region [N=823]	Province [N=4,979]
Number		Oaleaal data		
9N1 (L1)	Evaluate powers with rational number bases	School data with 5 or fewer students	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases		73.8	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	withheld for	69.3	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	reasons of	71.4	66.9
9N3 (L3)	Compare and order rational numbers	confidentiality.	78.8	77.3
9N4 (L1)	Identify order of operations of rational numbers		50.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	•	75.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph		80.3	78.5
9PR1 (L3)	Extrapolate a linear relation	•	95.3	93.8
PPR1 (L2)	Identify graph for a linear equation		61.0	61.4
9PR5 (L1)	Identify the expression for a given polynomial	•	82.5	82.0
9PR6 (L2)	Simplify a polynomial expression		76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	•	81.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial		69.8	68.7
9PR3 (L2)	Solve a linear equation	•	62.2	58.4
9PR4 (L2)	Solve and represent a linear inequality		40.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry		88.4	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry		74.0	71.2
9SS1 (L2)	Solve the unknown values using circle properties		78.8	77.3
9SS1 (L2)	Solve the unknown values using circle properties		67.3	65.0
9SS1 (L2)	Solve the unknown values using circle properties	•	82.7	79.3
9SS1 (L2)	Solve the unknown values using circle properties		58.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties	•	81.8	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability		54.3	42.8
9SP4 (L3)	Identify a potential problem in given case study	•	91.7	88.0



(Item Analysis: % of content answered correctly)

NLESD - Western Region

School #: 041 Raymond Ward Memorial, Norman Bay

Grades: 1,7,9,11-12

Outcome(s) Cognitive Level	Outcome Description	School [N=1]	Region [N=823]	Province [N=4,979]
<u>Number</u>		School data		
9N1 (L1)	Evaluate powers with rational number bases	with 5 or fewer	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	students	73.8	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	withheld for	69.3	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	reasons of confidentiality.	71.4	66.9
9N3 (L3)	Compare and order rational numbers	cornidentiality.	78.8	77.3
9N4 (L1)	Identify order of operations of rational numbers		50.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number		75.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph		80.3	78.5
9PR1 (L3)	Extrapolate a linear relation		95.3	93.8
PPR1 (L2)	Identify graph for a linear equation		61.0	61.4
9PR5 (L1)	Identify the expression for a given polynomial		82.5	82.0
9PR6 (L2)	Simplify a polynomial expression		76.5	75.5
9PR6 (L2)	Simplify a polynomial expression		81.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial		69.8	68.7
9PR3 (L2)	Solve a linear equation		62.2	58.4
9PR4 (L2)	Solve and represent a linear inequality		40.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry		88.4	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry		74.0	71.2
9SS1 (L2)	Solve the unknown values using circle properties		78.8	77.3
9SS1 (L2)	Solve the unknown values using circle properties		67.3	65.0
9SS1 (L2)	Solve the unknown values using circle properties		82.7	79.3
9SS1 (L2)	Solve the unknown values using circle properties		58.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties		81.8	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability		54.3	42.8
9SP4 (L3)	Identify a potential problem in given case study		91.7	88.0



(Item Analysis: % of content answered correctly)

NLESD - Western Region

School #: 046 Bayside Academy, Port Hope Simpson

Outcome(s) Cognitive Level	Outcome Description	School [N=4]	Region [N=823]	Province [N=4,979]
<u>Number</u>		School data		
9N1 (L1)	Evaluate powers with rational number bases	with 5 or fewer	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	students	73.8	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	withheld for	69.3	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	reasons of confidentiality.	71.4	66.9
9N3 (L3)	Compare and order rational numbers	confidentiality.	78.8	77.3
9N4 (L1)	Identify order of operations of rational numbers		50.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number		75.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph		80.3	78.5
9PR1 (L3)	Extrapolate a linear relation		95.3	93.8
PPR1 (L2)	Identify graph for a linear equation		61.0	61.4
9PR5 (L1)	Identify the expression for a given polynomial		82.5	82.0
9PR6 (L2)	Simplify a polynomial expression		76.5	75.5
9PR6 (L2)	Simplify a polynomial expression		81.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial		69.8	68.7
9PR3 (L2)	Solve a linear equation		62.2	58.4
9PR4 (L2)	Solve and represent a linear inequality		40.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry		88.4	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry		74.0	71.2
9SS1 (L2)	Solve the unknown values using circle properties		78.8	77.3
9SS1 (L2)	Solve the unknown values using circle properties		67.3	65.0
9SS1 (L2)	Solve the unknown values using circle properties		82.7	79.3
9SS1 (L2)	Solve the unknown values using circle properties		58.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties		81.8	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability		54.3	42.8
9SP4 (L3)	Identify a potential problem in given case study		91.7	88.0
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(Item Analysis: % of content answered correctly)

NLESD - Western Region

School #: 050 Basque Memorial, Red Bay

Grades: 1,3,6-7,9-12

Outcome(s) Cognitive Level	Outcome Description	School [N=1]	Region [N=823]	Province [N=4,979]
<u>Number</u>		School data		
9N1 (L1)	Evaluate powers with rational number bases	with 5 or fewer	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	students	73.8	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	withheld for	69.3	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	reasons of confidentiality.	71.4	66.9
9N3 (L3)	Compare and order rational numbers	confidentiality.	78.8	77.3
9N4 (L1)	Identify order of operations of rational numbers		50.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number		75.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph		80.3	78.5
9PR1 (L3)	Extrapolate a linear relation		95.3	93.8
PPR1 (L2)	Identify graph for a linear equation		61.0	61.4
9PR5 (L1)	Identify the expression for a given polynomial		82.5	82.0
9PR6 (L2)	Simplify a polynomial expression		76.5	75.5
9PR6 (L2)	Simplify a polynomial expression		81.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial		69.8	68.7
9PR3 (L2)	Solve a linear equation		62.2	58.4
9PR4 (L2)	Solve and represent a linear inequality		40.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry		88.4	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry		74.0	71.2
9SS1 (L2)	Solve the unknown values using circle properties		78.8	77.3
9SS1 (L2)	Solve the unknown values using circle properties		67.3	65.0
9SS1 (L2)	Solve the unknown values using circle properties		82.7	79.3
9SS1 (L2)	Solve the unknown values using circle properties		58.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties		81.8	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability		54.3	42.8
9SP4 (L3)	Identify a potential problem in given case study		91.7	88.0
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(Item Analysis: % of content answered correctly)

NLESD - Western Region

School #: 054 St. Lewis Academy, St. Lewis

Grades: 1-12

Outcome(s) Cognitive Level	Outcome Description	School [N=3]	Region [N=823]	Province [N=4,979]
<u>Number</u>		School data		
9N1 (L1)	Evaluate powers with rational number bases	with 5 or fewer	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	students	73.8	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	withheld for	69.3	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	reasons of confidentiality.	71.4	66.9
9N3 (L3)	Compare and order rational numbers	cornidentiality.	78.8	77.3
9N4 (L1)	Identify order of operations of rational numbers		50.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number		75.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph		80.3	78.5
9PR1 (L3)	Extrapolate a linear relation		95.3	93.8
PPR1 (L2)	Identify graph for a linear equation		61.0	61.4
9PR5 (L1)	Identify the expression for a given polynomial		82.5	82.0
9PR6 (L2)	Simplify a polynomial expression		76.5	75.5
9PR6 (L2)	Simplify a polynomial expression		81.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial		69.8	68.7
9PR3 (L2)	Solve a linear equation		62.2	58.4
9PR4 (L2)	Solve and represent a linear inequality		40.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry		88.4	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry		74.0	71.2
9SS1 (L2)	Solve the unknown values using circle properties		78.8	77.3
9SS1 (L2)	Solve the unknown values using circle properties		67.3	65.0
9SS1 (L2)	Solve the unknown values using circle properties		82.7	79.3
9SS1 (L2)	Solve the unknown values using circle properties		58.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties		81.8	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability		54.3	42.8
9SP4 (L3)	Identify a potential problem in given case study		91.7	88.0



(Item Analysis: % of content answered correctly)

NLESD - Western Region

School #: 057 St. Peter's Academy, Benoit's Cove

Outcome(s) Cognitive Level	Outcome Description	School [N=11]	Region [N=823]	Province [N=4,979
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	63.6	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	63.6	73.8	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	81.8	69.3	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	72.7	71.4	66.9
9N3 (L3)	Compare and order rational numbers	90.9	78.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	45.5	50.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	72.7	75.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	63.6	80.3	78.5
9PR1 (L3)	Extrapolate a linear relation	90.9	95.3	93.8
PPR1 (L2)	Identify graph for a linear equation	45.5	61.0	61.4
9PR5 (L1)	Identify the expression for a given polynomial	81.8	82.5	82.0
9PR6 (L2)	Simplify a polynomial expression	90.9	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	100.0	81.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	72.7	69.8	68.7
9PR3 (L2)	Solve a linear equation	63.6	62.2	58.4
9PR4 (L2)	Solve and represent a linear inequality	36.4	40.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	100.0	88.4	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	81.8	74.0	71.2
9SS1 (L2)	Solve the unknown values using circle properties	63.6	78.8	77.3
9SS1 (L2)	Solve the unknown values using circle properties	63.6	67.3	65.0
9SS1 (L2)	Solve the unknown values using circle properties	63.6	82.7	79.3
9SS1 (L2)	Solve the unknown values using circle properties	54.6	58.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties	63.6	81.8	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	27.3	54.3	42.8
9SP4 (L3)	Identify a potential problem in given case study	100.0	91.7	88.0



(Item Analysis: % of content answered correctly)

NLESD - Western Region

School #: 062 G.C

G.C. Rowe Junior High, Corner Brook

Grades: 7-9

Outcome(s) Cognitive Level	Outcome Description	School [N=95]	Region [N=823]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	52.1	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	73.4	73.8	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	80.9	69.3	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	68.1	71.4	66.9
9N3 (L3)	Compare and order rational numbers	71.3	78.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	53.2	50.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	74.5	75.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	80.9	80.3	78.5
9PR1 (L3)	Extrapolate a linear relation	96.8	95.3	93.8
PPR1 (L2)	Identify graph for a linear equation	67.0	61.0	61.4
9PR5 (L1)	Identify the expression for a given polynomial	87.2	82.5	82.0
9PR6 (L2)	Simplify a polynomial expression	77.7	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	81.9	81.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	63.8	69.8	68.7
9PR3 (L2)	Solve a linear equation	58.5	62.2	58.4
9PR4 (L2)	Solve and represent a linear inequality	31.9	40.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	92.6	88.4	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	70.2	74.0	71.2
9SS1 (L2)	Solve the unknown values using circle properties	85.1	78.8	77.3
9SS1 (L2)	Solve the unknown values using circle properties	56.4	67.3	65.0
9SS1 (L2)	Solve the unknown values using circle properties	85.1	82.7	79.3
9SS1 (L2)	Solve the unknown values using circle properties	59.6	58.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties	89.4	81.8	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	56.4	54.3	42.8
9SP4 (L3)	Identify a potential problem in given case study	96.8	91.7	88.0



(Item Analysis: % of content answered correctly)

NLESD - Western Region

School #: 067 Presentation Junior High, Corner Brook

Grades: 7-9

Outcome(s) Cognitive Level	Outcome Description	School [N=113]	Region [N=823]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	60.2	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	77.9	73.8	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	76.1	69.3	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	75.2	71.4	66.9
9N3 (L3)	Compare and order rational numbers	86.7	78.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	65.5	50.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	77.0	75.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	85.0	80.3	78.5
9PR1 (L3)	Extrapolate a linear relation	97.4	95.3	93.8
PPR1 (L2)	Identify graph for a linear equation	49.6	61.0	61.4
9PR5 (L1)	Identify the expression for a given polynomial	88.5	82.5	82.0
9PR6 (L2)	Simplify a polynomial expression	81.4	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	90.3	81.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	85.0	69.8	68.7
9PR3 (L2)	Solve a linear equation	78.8	62.2	58.4
9PR4 (L2)	Solve and represent a linear inequality	54.0	40.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	92.0	88.4	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	81.4	74.0	71.2
9SS1 (L2)	Solve the unknown values using circle properties	84.1	78.8	77.3
9SS1 (L2)	Solve the unknown values using circle properties	75.2	67.3	65.0
9SS1 (L2)	Solve the unknown values using circle properties	92.0	82.7	79.3
9SS1 (L2)	Solve the unknown values using circle properties	73.5	58.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties	85.8	81.8	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	54.0	54.3	42.8
9SP4 (L3)	Identify a potential problem in given case study	91.2	91.7	88.0
				1



(Item Analysis: % of content answered correctly)

NLESD - Western Region

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

Grades: K-1,3-12

Outcome(s) Cognitive Level	Outcome Description	School [N=3]	Region [N=823]	Province [N=4,979]
Number				
9N1 (L1)	Evaluate powers with rational number bases	School data with 5 or fewer	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases Evaluate powers with rational number bases	students	73.8	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	withheld for	69.3	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	reasons of	71.4	66.9
9N3 (L3)	Compare and order rational numbers	confidentiality.	78.8	77.3
9N4 (L1)	Identify order of operations of rational numbers		50.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number		75.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph		80.3	78.5
9PR1 (L3)	Extrapolate a linear relation		95.3	93.8
PPR1 (L2)	Identify graph for a linear equation		61.0	61.4
9PR5 (L1)	Identify the expression for a given polynomial		82.5	82.0
9PR6 (L2)	Simplify a polynomial expression		76.5	75.5
9PR6 (L2)	Simplify a polynomial expression		81.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial		69.8	68.7
9PR3 (L2)	Solve a linear equation		62.2	58.4
9PR4 (L2)	Solve and represent a linear inequality		40.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry		88.4	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry		74.0	71.2
9SS1 (L2)	Solve the unknown values using circle properties		78.8	77.3
9SS1 (L2)	Solve the unknown values using circle properties		67.3	65.0
9SS1 (L2)	Solve the unknown values using circle properties		82.7	79.3
9SS1 (L2)	Solve the unknown values using circle properties		58.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties		81.8	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability		54.3	42.8
9SP4 (L3)	Identify a potential problem in given case study		91.7	88.0



(Item Analysis: % of content answered correctly)

NLESD - Western Region

School #: 075 Hampden Academy, Hampden

Outcome(s) Cognitive Level	Outcome Description	School [N=5]	Region [N=823]	Province [N=4,979]
<u>Number</u>		School data		
9N1 (L1)	Evaluate powers with rational number bases	with 5 or fewer	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	students	73.8	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	withheld for	69.3	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	reasons of confidentiality.	71.4	66.9
9N3 (L3)	Compare and order rational numbers	cornidentiality.	78.8	77.3
9N4 (L1)	Identify order of operations of rational numbers		50.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number		75.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph		80.3	78.5
9PR1 (L3)	Extrapolate a linear relation		95.3	93.8
PPR1 (L2)	Identify graph for a linear equation		61.0	61.4
9PR5 (L1)	Identify the expression for a given polynomial		82.5	82.0
9PR6 (L2)	Simplify a polynomial expression		76.5	75.5
9PR6 (L2)	Simplify a polynomial expression		81.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial		69.8	68.7
9PR3 (L2)	Solve a linear equation		62.2	58.4
9PR4 (L2)	Solve and represent a linear inequality		40.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry		88.4	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry		74.0	71.2
9SS1 (L2)	Solve the unknown values using circle properties		78.8	77.3
9SS1 (L2)	Solve the unknown values using circle properties		67.3	65.0
9SS1 (L2)	Solve the unknown values using circle properties		82.7	79.3
9SS1 (L2)	Solve the unknown values using circle properties		58.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties		81.8	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability		54.3	42.8
9SP4 (L3)	Identify a potential problem in given case study		91.7	88.0



(Item Analysis: % of content answered correctly)

NLESD - Western Region

School #: 079 St. James All Grade, Lark Harbour

Outcome(s) Cognitive Level	Outcome Description	School [N=10]	Region [N=823]	Provinc [N=4,979
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	70.0	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	50.0	73.8	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	90.0	69.3	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	80.0	71.4	66.9
9N3 (L3)	Compare and order rational numbers	80.0	78.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	70.0	50.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	100.0	75.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	80.0	80.3	78.5
9PR1 (L3)	Extrapolate a linear relation	100.0	95.3	93.8
PPR1 (L2)	Identify graph for a linear equation	70.0	61.0	61.4
9PR5 (L1)	Identify the expression for a given polynomial	100.0	82.5	82.0
9PR6 (L2)	Simplify a polynomial expression	70.0	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	90.0	81.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	90.0	69.8	68.7
9PR3 (L2)	Solve a linear equation	60.0	62.2	58.4
9PR4 (L2)	Solve and represent a linear inequality	50.0	40.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	100.0	88.4	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	70.0	74.0	71.2
9SS1 (L2)	Solve the unknown values using circle properties	70.0	78.8	77.3
9SS1 (L2)	Solve the unknown values using circle properties	70.0	67.3	65.0
9SS1 (L2)	Solve the unknown values using circle properties	90.0	82.7	79.3
9SS1 (L2)	Solve the unknown values using circle properties	70.0	58.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties	80.0	81.8	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	50.0	54.3	42.8
9SP4 (L3)	Identify a potential problem in given case study	90.0	91.7	88.0



(Item Analysis: % of content answered correctly)

NLESD - Western Region

School #: 080 Templeton Academy, Meadows

Outcome(s) Cognitive Level	Outcome Description	School [N=36]	Region [N=823]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	36.1	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	63.9	73.8	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	61.1	69.3	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	58.3	71.4	66.9
9N3 (L3)	Compare and order rational numbers	72.2	78.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	38.9	50.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	66.7	75.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	72.2	80.3	78.5
9PR1 (L3)	Extrapolate a linear relation	86.1	95.3	93.8
PPR1 (L2)	Identify graph for a linear equation	58.3	61.0	61.4
9PR5 (L1)	Identify the expression for a given polynomial	72.2	82.5	82.0
9PR6 (L2)	Simplify a polynomial expression	66.7	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	61.1	81.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	72.2	69.8	68.7
9PR3 (L2)	Solve a linear equation	44.4	62.2	58.4
9PR4 (L2)	Solve and represent a linear inequality	27.8	40.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	75.0	88.4	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	75.0	74.0	71.2
9SS1 (L2)	Solve the unknown values using circle properties	83.3	78.8	77.3
9SS1 (L2)	Solve the unknown values using circle properties	61.1	67.3	65.0
9SS1 (L2)	Solve the unknown values using circle properties	66.7	82.7	79.3
9SS1 (L2)	Solve the unknown values using circle properties	38.9	58.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties	72.2	81.8	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	50.0	54.3	42.8
9SP4 (L3)	Identify a potential problem in given case study	88.9	91.7	88.0



(Item Analysis: % of content answered correctly)

NLESD - Western Region

School #: 083 Pasadena Academy, Pasadena

Grades: 7-12

Outcome(s) Cognitive Level	Outcome Description	School [N=48]	Region [N=823]	Provinc [N=4,979
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	58.3	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	85.4	73.8	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	66.7	69.3	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	77.1	71.4	66.9
9N3 (L3)	Compare and order rational numbers	77.1	78.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	33.3	50.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	70.8	75.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	79.2	80.3	78.5
9PR1 (L3)	Extrapolate a linear relation	91.7	95.3	93.8
PPR1 (L2)	Identify graph for a linear equation	66.7	61.0	61.4
9PR5 (L1)	Identify the expression for a given polynomial	81.3	82.5	82.0
9PR6 (L2)	Simplify a polynomial expression	66.7	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	83.3	81.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	58.3	69.8	68.7
9PR3 (L2)	Solve a linear equation	66.7	62.2	58.4
9PR4 (L2)	Solve and represent a linear inequality	37.5	40.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	81.3	88.4	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	72.9	74.0	71.2
9SS1 (L2)	Solve the unknown values using circle properties	77.1	78.8	77.3
9SS1 (L2)	Solve the unknown values using circle properties	72.9	67.3	65.0
9SS1 (L2)	Solve the unknown values using circle properties	83.3	82.7	79.3
9SS1 (L2)	Solve the unknown values using circle properties	58.3	58.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties	87.5	81.8	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	64.6	54.3	42.8
9SP4 (L3)	Identify a potential problem in given case study	89.6	91.7	88.0



(Item Analysis: % of content answered correctly)

NLESD - Western Region

School #: 086 Gros Morne Academy, Rocky Harbour

Outcome(s) Cognitive Level	Outcome Description	School [N=20]	Region [N=823]	Provinc [N=4,979
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	75.0	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	70.0	73.8	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	70.0	69.3	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	70.0	71.4	66.9
9N3 (L3)	Compare and order rational numbers	85.0	78.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	65.0	50.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	70.0	75.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	75.0	80.3	78.5
9PR1 (L3)	Extrapolate a linear relation	90.0	95.3	93.8
PPR1 (L2)	Identify graph for a linear equation	55.0	61.0	61.4
9PR5 (L1)	Identify the expression for a given polynomial	70.0	82.5	82.0
9PR6 (L2)	Simplify a polynomial expression	65.0	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	60.0	81.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	50.0	69.8	68.7
9PR3 (L2)	Solve a linear equation	80.0	62.2	58.4
9PR4 (L2)	Solve and represent a linear inequality	50.0	40.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	70.0	88.4	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	80.0	74.0	71.2
9SS1 (L2)	Solve the unknown values using circle properties	65.0	78.8	77.3
9SS1 (L2)	Solve the unknown values using circle properties	70.0	67.3	65.0
9SS1 (L2)	Solve the unknown values using circle properties	65.0	82.7	79.3
9SS1 (L2)	Solve the unknown values using circle properties	50.0	58.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties	60.0	81.8	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	60.0	54.3	42.8
9SP4 (L3)	Identify a potential problem in given case study	70.0	91.7	88.0



(Item Analysis: % of content answered correctly)

NLESD - Western Region

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

Outcome(s) Cognitive Level	Outcome Description	School [N=8]	Region [N=823]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	87.5	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	100.0	73.8	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	62.5	69.3	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	87.5	71.4	66.9
9N3 (L3)	Compare and order rational numbers	75.0	78.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	62.5	50.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	87.5	75.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	75.0	80.3	78.5
9PR1 (L3)	Extrapolate a linear relation	87.5	95.3	93.8
PPR1 (L2)	Identify graph for a linear equation	62.5	61.0	61.4
9PR5 (L1)	Identify the expression for a given polynomial	87.5	82.5	82.0
9PR6 (L2)	Simplify a polynomial expression	50.0	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	62.5	81.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	87.5	69.8	68.7
9PR3 (L2)	Solve a linear equation	37.5	62.2	58.4
9PR4 (L2)	Solve and represent a linear inequality	37.5	40.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	87.5	88.4	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	87.5	74.0	71.2
9SS1 (L2)	Solve the unknown values using circle properties	75.0	78.8	77.3
9SS1 (L2)	Solve the unknown values using circle properties	75.0	67.3	65.0
9SS1 (L2)	Solve the unknown values using circle properties	75.0	82.7	79.3
9SS1 (L2)	Solve the unknown values using circle properties	62.5	58.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties	75.0	81.8	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	37.5	54.3	42.8
9SP4 (L3)	Identify a potential problem in given case study	75.0	91.7	88.0



(Item Analysis: % of content answered correctly)

NLESD - Western Region

School #: 089 Jakeman All Grade, Trout River

Outcome(s) Cognitive Level	Outcome Description	School [N=5]	Region [N=823]	Province [N=4,979]
<u>Number</u>		School data		
9N1 (L1)	Evaluate powers with rational number bases	with 5 or fewer	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	students	73.8	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	withheld for	69.3	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	reasons of confidentiality.	71.4	66.9
9N3 (L3)	Compare and order rational numbers	confidentiality.	78.8	77.3
9N4 (L1)	Identify order of operations of rational numbers		50.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number		75.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph		80.3	78.5
9PR1 (L3)	Extrapolate a linear relation		95.3	93.8
PPR1 (L2)	Identify graph for a linear equation		61.0	61.4
9PR5 (L1)	Identify the expression for a given polynomial		82.5	82.0
9PR6 (L2)	Simplify a polynomial expression		76.5	75.5
9PR6 (L2)	Simplify a polynomial expression		81.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial		69.8	68.7
9PR3 (L2)	Solve a linear equation		62.2	58.4
9PR4 (L2)	Solve and represent a linear inequality		40.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry		88.4	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry		74.0	71.2
9SS1 (L2)	Solve the unknown values using circle properties		78.8	77.3
9SS1 (L2)	Solve the unknown values using circle properties		67.3	65.0
9SS1 (L2)	Solve the unknown values using circle properties		82.7	79.3
9SS1 (L2)	Solve the unknown values using circle properties		58.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties		81.8	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability		54.3	42.8
9SP4 (L3)	Identify a potential problem in given case study		91.7	88.0



(Item Analysis: % of content answered correctly)

NLESD - Western Region

School #: 091 Burgeo Academy, Burgeo

Outcome(s) Cognitive Level	Outcome Description	School [N=9]	Region [N=823]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	55.6	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	100.0	73.8	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	77.8	69.3	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	77.8	71.4	66.9
9N3 (L3)	Compare and order rational numbers	88.9	78.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	55.6	50.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	100.0	75.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	100.0	80.3	78.5
9PR1 (L3)	Extrapolate a linear relation	100.0	95.3	93.8
PPR1 (L2)	Identify graph for a linear equation	44.4	61.0	61.4
9PR5 (L1)	Identify the expression for a given polynomial	100.0	82.5	82.0
9PR6 (L2)	Simplify a polynomial expression	100.0	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	100.0	81.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	88.9	69.8	68.7
9PR3 (L2)	Solve a linear equation	66.7	62.2	58.4
9PR4 (L2)	Solve and represent a linear inequality	44.4	40.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	88.9	88.4	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	100.0	74.0	71.2
9SS1 (L2)	Solve the unknown values using circle properties	88.9	78.8	77.3
9SS1 (L2)	Solve the unknown values using circle properties	55.6	67.3	65.0
9SS1 (L2)	Solve the unknown values using circle properties	88.9	82.7	79.3
9SS1 (L2)	Solve the unknown values using circle properties	66.7	58.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties	66.7	81.8	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	66.7	54.3	42.8
9SP4 (L3)	Identify a potential problem in given case study	100.0	91.7	88.0



(Item Analysis: % of content answered correctly)

NLESD - Western Region

School #: 092 Grandy's River Collegiate, Burnt Islands

Outcome(s) Cognitive Level	Outcome Description	School [N=9]	Region [N=823]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	77.8	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	88.9	73.8	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	44.4	69.3	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	77.8	71.4	66.9
9N3 (L3)	Compare and order rational numbers	88.9	78.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	55.6	50.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	88.9	75.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	88.9	80.3	78.5
9PR1 (L3)	Extrapolate a linear relation	88.9	95.3	93.8
PPR1 (L2)	Identify graph for a linear equation	44.4	61.0	61.4
9PR5 (L1)	Identify the expression for a given polynomial	66.7	82.5	82.0
9PR6 (L2)	Simplify a polynomial expression	77.8	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	88.9	81.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	66.7	69.8	68.7
9PR3 (L2)	Solve a linear equation	55.6	62.2	58.4
9PR4 (L2)	Solve and represent a linear inequality	33.3	40.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	88.9	88.4	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	55.6	74.0	71.2
9SS1 (L2)	Solve the unknown values using circle properties	77.8	78.8	77.3
9SS1 (L2)	Solve the unknown values using circle properties	66.7	67.3	65.0
9SS1 (L2)	Solve the unknown values using circle properties	66.7	82.7	79.3
9SS1 (L2)	Solve the unknown values using circle properties	66.7	58.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties	77.8	81.8	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	44.4	54.3	42.8
9SP4 (L3)	Identify a potential problem in given case study	77.8	91.7	88.0



(Item Analysis: % of content answered correctly)

NLESD - Western Region

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

Grades: 7-12

Outcome(s) Cognitive Level	Outcome Description	School [N=39]	Region [N=823]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	53.9	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	66.7	73.8	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	56.4	69.3	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	69.2	71.4	66.9
9N3 (L3)	Compare and order rational numbers	74.4	78.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	35.9	50.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	59.0	75.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	79.5	80.3	78.5
9PR1 (L3)	Extrapolate a linear relation	97.4	95.3	93.8
PPR1 (L2)	Identify graph for a linear equation	61.5	61.0	61.4
9PR5 (L1)	Identify the expression for a given polynomial	84.6	82.5	82.0
9PR6 (L2)	Simplify a polynomial expression	84.6	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	76.9	81.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	87.2	69.8	68.7
9PR3 (L2)	Solve a linear equation	51.3	62.2	58.4
9PR4 (L2)	Solve and represent a linear inequality	23.1	40.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	84.6	88.4	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	61.5	74.0	71.2
9SS1 (L2)	Solve the unknown values using circle properties	69.2	78.8	77.3
9SS1 (L2)	Solve the unknown values using circle properties	51.3	67.3	65.0
9SS1 (L2)	Solve the unknown values using circle properties	82.1	82.7	79.3
9SS1 (L2)	Solve the unknown values using circle properties	35.9	58.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties	82.1	81.8	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	64.1	54.3	42.8
9SP4 (L3)	Identify a potential problem in given case study	89.7	91.7	88.0



(Item Analysis: % of content answered correctly)

NLESD - Western Region

School #: 102 All Saints All-Grade, Grey River

Grades: 1-3,9-11

Outcome(s) Cognitive Level	Outcome Description	School [N=2]	Region [N=823]	Province [N=4,979]
Number		School data		
9N1 (L1)	Evaluate powers with rational number bases	with 5 or fewer	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	students	73.8	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	withheld for	69.3	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	reasons of confidentiality.	71.4	66.9
9N3 (L3)	Compare and order rational numbers	cornidentiality.	78.8	77.3
9N4 (L1)	Identify order of operations of rational numbers		50.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number		75.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph		80.3	78.5
9PR1 (L3)	Extrapolate a linear relation		95.3	93.8
PPR1 (L2)	Identify graph for a linear equation		61.0	61.4
9PR5 (L1)	Identify the expression for a given polynomial		82.5	82.0
9PR6 (L2)	Simplify a polynomial expression		76.5	75.5
9PR6 (L2)	Simplify a polynomial expression		81.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial		69.8	68.7
9PR3 (L2)	Solve a linear equation		62.2	58.4
9PR4 (L2)	Solve and represent a linear inequality		40.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry		88.4	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry		74.0	71.2
9SS1 (L2)	Solve the unknown values using circle properties		78.8	77.3
9SS1 (L2)	Solve the unknown values using circle properties		67.3	65.0
9SS1 (L2)	Solve the unknown values using circle properties		82.7	79.3
9SS1 (L2)	Solve the unknown values using circle properties		58.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties		81.8	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability		54.3	42.8
9SP4 (L3)	Identify a potential problem in given case study		91.7	88.0



(Item Analysis: % of content answered correctly)

NLESD - Western Region

School #: 103 LeGallais Memorial, Isle aux Morts

Outcome(s) Cognitive Level	Outcome Description	School [N=7]	Region [N=823]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	57.1	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	57.1	73.8	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	71.4	69.3	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	57.1	71.4	66.9
9N3 (L3)	Compare and order rational numbers	100.0	78.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	57.1	50.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	85.7	75.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	85.7	80.3	78.5
9PR1 (L3)	Extrapolate a linear relation	100.0	95.3	93.8
PPR1 (L2)	Identify graph for a linear equation	71.4	61.0	61.4
9PR5 (L1)	Identify the expression for a given polynomial	85.7	82.5	82.0
9PR6 (L2)	Simplify a polynomial expression	100.0	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	85.7	81.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	85.7	69.8	68.7
9PR3 (L2)	Solve a linear equation	85.7	62.2	58.4
9PR4 (L2)	Solve and represent a linear inequality	57.1	40.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	71.4	88.4	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	71.4	74.0	71.2
9SS1 (L2)	Solve the unknown values using circle properties	42.9	78.8	77.3
9SS1 (L2)	Solve the unknown values using circle properties	57.1	67.3	65.0
9SS1 (L2)	Solve the unknown values using circle properties	100.0	82.7	79.3
9SS1 (L2)	Solve the unknown values using circle properties	57.1	58.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties	100.0	81.8	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	71.4	54.3	42.8
9SP4 (L3)	Identify a potential problem in given case study	100.0	91.7	88.0



(Item Analysis: % of content answered correctly)

NLESD - Western Region

School #: 104 Douglas Academy, La Poile

Grades: 1,3,9

Outcome(s) Cognitive Level	Outcome Description	School [N=2]	Region [N=823]	Province [N=4,979]
Number				
9N1 (L1)	Evaluate powers with rational number bases	School data with 5 or fewer	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases Evaluate powers with rational number bases	students	73.8	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	withheld for	69.3	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	reasons of	71.4	66.9
9N3 (L3)	Compare and order rational numbers	confidentiality.	78.8	77.3
9N4 (L1)	Identify order of operations of rational numbers		50.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	l	75.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph		80.3	78.5
9PR1 (L3)	Extrapolate a linear relation		95.3	93.8
PPR1 (L2)	Identify graph for a linear equation		61.0	61.4
9PR5 (L1)	Identify the expression for a given polynomial	•	82.5	82.0
9PR6 (L2)	Simplify a polynomial expression		76.5	75.5
9PR6 (L2)	Simplify a polynomial expression		81.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial		69.8	68.7
9PR3 (L2)	Solve a linear equation	•	62.2	58.4
9PR4 (L2)	Solve and represent a linear inequality		40.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry		88.4	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry		74.0	71.2
9SS1 (L2)	Solve the unknown values using circle properties	•	78.8	77.3
9SS1 (L2)	Solve the unknown values using circle properties		67.3	65.0
9SS1 (L2)	Solve the unknown values using circle properties		82.7	79.3
9SS1 (L2)	Solve the unknown values using circle properties		58.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties	•	81.8	77.5
Statistics and Probability				
0004 (14)	Identify the type of probability	1	54.2	42.8
9SP4 (L1) 9SP4 (L3)	Identify a potential problem in given case study		54.3 91.7	42.8 88.0
30F4 (L3)	Identify a potential problem in given case study		51.7	00.0
				[



(Item Analysis: % of content answered correctly)

NLESD - Western Region

School #: 110 Piccadilly Central High, Piccadilly

Grades: 9-12

Outcome(s) Cognitive Level	Outcome Description	School [N=34]	Region [N=823]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	58.8	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	67.7	73.8	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	76.5	69.3	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	58.8	71.4	66.9
9N3 (L3)	Compare and order rational numbers	76.5	78.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	61.8	50.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	88.2	75.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	67.7	80.3	78.5
9PR1 (L3)	Extrapolate a linear relation	85.3	95.3	93.8
PPR1 (L2)	Identify graph for a linear equation	76.5	61.0	61.4
9PR5 (L1)	Identify the expression for a given polynomial	88.2	82.5	82.0
9PR6 (L2)	Simplify a polynomial expression	64.7	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	76.5	81.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	73.5	69.8	68.7
9PR3 (L2)	Solve a linear equation	61.8	62.2	58.4
9PR4 (L2)	Solve and represent a linear inequality	35.3	40.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	85.3	88.4	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	79.4	74.0	71.2
9SS1 (L2)	Solve the unknown values using circle properties	76.5	78.8	77.3
9SS1 (L2)	Solve the unknown values using circle properties	79.4	67.3	65.0
9SS1 (L2)	Solve the unknown values using circle properties	73.5	82.7	79.3
9SS1 (L2)	Solve the unknown values using circle properties	47.1	58.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties	94.1	81.8	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	88.2	54.3	42.8
9SP4 (L3)	Identify a potential problem in given case study	97.1	91.7	88.0



(Item Analysis: % of content answered correctly)

NLESD - Western Region

School #: 113 St. Boniface All Grade, Ramea

Outcome(s) Cognitive Level	Outcome Description	School [N=5]	Region [N=823]	Province [N=4,979]
<u>Number</u>		School data		
9N1 (L1)	Evaluate powers with rational number bases	with 5 or fewer	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	students	73.8	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	withheld for	69.3	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	reasons of confidentiality.	71.4	66.9
9N3 (L3)	Compare and order rational numbers	cornidentiality.	78.8	77.3
9N4 (L1)	Identify order of operations of rational numbers		50.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number		75.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph		80.3	78.5
9PR1 (L3)	Extrapolate a linear relation		95.3	93.8
PPR1 (L2)	Identify graph for a linear equation		61.0	61.4
9PR5 (L1)	Identify the expression for a given polynomial		82.5	82.0
9PR6 (L2)	Simplify a polynomial expression		76.5	75.5
9PR6 (L2)	Simplify a polynomial expression		81.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial		69.8	68.7
9PR3 (L2)	Solve a linear equation		62.2	58.4
9PR4 (L2)	Solve and represent a linear inequality		40.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry		88.4	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry		74.0	71.2
9SS1 (L2)	Solve the unknown values using circle properties		78.8	77.3
9SS1 (L2)	Solve the unknown values using circle properties		67.3	65.0
9SS1 (L2)	Solve the unknown values using circle properties		82.7	79.3
9SS1 (L2)	Solve the unknown values using circle properties		58.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties		81.8	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability		54.3	42.8
9SP4 (L3)	Identify a potential problem in given case study		91.7	88.0



(Item Analysis: % of content answered correctly)

NLESD - Western Region

School #: 116 Appalachia High School, St. George's

Grades: 9-12

Outcome(s) Cognitive Level	Outcome Description	School [N=34]	Region [N=823]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	41.2	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	67.7	73.8	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	47.1	69.3	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	50.0	71.4	66.9
9N3 (L3)	Compare and order rational numbers	52.9	78.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	41.2	50.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	76.5	75.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	67.7	80.3	78.5
9PR1 (L3)	Extrapolate a linear relation	97.1	95.3	93.8
PPR1 (L2)	Identify graph for a linear equation	29.4	61.0	61.4
9PR5 (L1)	Identify the expression for a given polynomial	73.5	82.5	82.0
9PR6 (L2)	Simplify a polynomial expression	79.4	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	79.4	81.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	58.8	69.8	68.7
9PR3 (L2)	Solve a linear equation	38.2	62.2	58.4
9PR4 (L2)	Solve and represent a linear inequality	17.7	40.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	79.4	88.4	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	82.4	74.0	71.2
9SS1 (L2)	Solve the unknown values using circle properties	67.7	78.8	77.3
9SS1 (L2)	Solve the unknown values using circle properties	73.5	67.3	65.0
9SS1 (L2)	Solve the unknown values using circle properties	79.4	82.7	79.3
9SS1 (L2)	Solve the unknown values using circle properties	55.9	58.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties	76.5	81.8	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	35.3	54.3	42.8
9SP4 (L3)	Identify a potential problem in given case study	85.3	91.7	88.0



(Item Analysis: % of content answered correctly)

NLESD - Western Region

School #: 119 Stephenville High, Stephenville

Grades: 9-12

Outcome(s) Cognitive Level	Outcome Description	School [N=84]	Region [N=823]	Provinc [N=4,979
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	69.1	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	77.4	73.8	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	73.8	69.3	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	78.6	71.4	66.9
9N3 (L3)	Compare and order rational numbers	76.2	78.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	52.4	50.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	85.7	75.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	79.8	80.3	78.5
9PR1 (L3)	Extrapolate a linear relation	95.2	95.3	93.8
PPR1 (L2)	Identify graph for a linear equation	67.9	61.0	61.4
9PR5 (L1)	Identify the expression for a given polynomial	82.1	82.5	82.0
9PR6 (L2)	Simplify a polynomial expression	77.4	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	89.3	81.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	82.1	69.8	68.7
9PR3 (L2)	Solve a linear equation	63.1	62.2	58.4
9PR4 (L2)	Solve and represent a linear inequality	47.6	40.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	86.9	88.4	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	69.1	74.0	71.2
9SS1 (L2)	Solve the unknown values using circle properties	73.8	78.8	77.3
9SS1 (L2)	Solve the unknown values using circle properties	58.3	67.3	65.0
9SS1 (L2)	Solve the unknown values using circle properties	89.3	82.7	79.3
9SS1 (L2)	Solve the unknown values using circle properties	59.5	58.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties	79.8	81.8	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	69.1	54.3	42.8
9SP4 (L3)	Identify a potential problem in given case study	96.4	91.7	88.0



(Item Analysis: % of content answered correctly)

NLESD - Western Region

School #: 137 St. Simon and St. Jude Academy, Francois

Grades: K-1,5,7-12

Outcome(s) Cognitive Level	Outcome Description	School [N=1]	Region [N=823]	Province [N=4,979]
Number		Cabaal data		
9N1 (L1)	Evaluate powers with rational number bases	School data with 5 or fewer	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	students	73.8	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	withheld for	69.3	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	reasons of	71.4	66.9
9N3 (L3)	Compare and order rational numbers	confidentiality.	78.8	77.3
9N4 (L1)	Identify order of operations of rational numbers		50.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	•	75.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	•	80.3	78.5
9PR1 (L3)	Extrapolate a linear relation	•	95.3	93.8
PPR1 (L2)	Identify graph for a linear equation		61.0	61.4
9PR5 (L1)	Identify the expression for a given polynomial	•	82.5	82.0
9PR6 (L2)	Simplify a polynomial expression		76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	•	81.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial		69.8	68.7
9PR3 (L2)	Solve a linear equation	•	62.2	58.4
9PR4 (L2)	Solve and represent a linear inequality		40.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry		88.4	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry		74.0	71.2
9SS1 (L2)	Solve the unknown values using circle properties	•	78.8	77.3
9SS1 (L2)	Solve the unknown values using circle properties		67.3	65.0
9SS1 (L2)	Solve the unknown values using circle properties	•	82.7	79.3
9SS1 (L2)	Solve the unknown values using circle properties		58.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties	•	81.8	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability		54.3	42.8
9SP4 (L3)	Identify a potential problem in given case study	•	91.7	88.0



(Item Analysis: % of content answered correctly)

NLESD - Western Region

School #: 388 Long Range Academy, Cow Head

Outcome(s) Cognitive Level	Outcome Description	School [N=17]	Region [N=823]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	29.4	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	58.8	73.8	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	82.4	69.3	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	64.7	71.4	66.9
9N3 (L3)	Compare and order rational numbers	88.2	78.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	41.2	50.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	88.2	75.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	76.5	80.3	78.5
9PR1 (L3)	Extrapolate a linear relation	100.0	95.3	93.8
PPR1 (L2)	Identify graph for a linear equation	23.5	61.0	61.4
9PR5 (L1)	Identify the expression for a given polynomial	88.2	82.5	82.0
9PR6 (L2)	Simplify a polynomial expression	76.5	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	88.2	81.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	41.2	69.8	68.7
9PR3 (L2)	Solve a linear equation	58.8	62.2	58.4
9PR4 (L2)	Solve and represent a linear inequality	47.1	40.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	94.1	88.4	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	88.2	74.0	71.2
9SS1 (L2)	Solve the unknown values using circle properties	88.2	78.8	77.3
9SS1 (L2)	Solve the unknown values using circle properties	76.5	67.3	65.0
9SS1 (L2)	Solve the unknown values using circle properties	88.2	82.7	79.3
9SS1 (L2)	Solve the unknown values using circle properties	52.9	58.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties	82.4	81.8	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	52.9	54.3	42.8
9SP4 (L3)	Identify a potential problem in given case study	82.4	91.7	88.0



(Item Analysis: % of content answered correctly)

NLESD - Western Region

School #: 391 Xavier Junior High, Deer Lake

Grades: 6-9

Outcome(s) Cognitive Level	Outcome Description	School [N=64]	Region [N=823]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	59.4	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	76.6	73.8	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	60.9	69.3	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	76.6	71.4	66.9
9N3 (L3)	Compare and order rational numbers	79.7	78.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	53.1	50.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	62.5	75.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	84.4	80.3	78.5
9PR1 (L3)	Extrapolate a linear relation	100.0	95.3	93.8
PPR1 (L2)	Identify graph for a linear equation	75.0	61.0	61.4
9PR5 (L1)	Identify the expression for a given polynomial	84.4	82.5	82.0
9PR6 (L2)	Simplify a polynomial expression	81.3	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	82.8	81.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	50.0	69.8	68.7
9PR3 (L2)	Solve a linear equation	53.1	62.2	58.4
9PR4 (L2)	Solve and represent a linear inequality	43.8	40.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	93.8	88.4	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	73.4	74.0	71.2
9SS1 (L2)	Solve the unknown values using circle properties	89.1	78.8	77.3
9SS1 (L2)	Solve the unknown values using circle properties	67.2	67.3	65.0
9SS1 (L2)	Solve the unknown values using circle properties	85.9	82.7	79.3
9SS1 (L2)	Solve the unknown values using circle properties	57.8	58.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties	84.4	81.8	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	60.9	54.3	42.8
9SP4 (L3)	Identify a potential problem in given case study	98.4	91.7	88.0



(Item Analysis: % of content answered correctly)

NLESD - Western Region

School #: 393 Bonne Bay Academy, Woody Point

Outcome(s) Cognitive Level	Outcome Description	School [N=2]	Region [N=823]	Province [N=4,979]
Number		0-11-1-4-		
9N1 (L1)	Evaluate powers with rational number bases	School data with 5 or fewer	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	students	73.8	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	withheld for	69.3	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	reasons of	71.4	66.9
9N3 (L3)	Compare and order rational numbers	confidentiality.	78.8	77.3
9N4 (L1)	Identify order of operations of rational numbers		50.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	•	75.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph		80.3	78.5
9PR1 (L3)	Extrapolate a linear relation	•	95.3	93.8
PPR1 (L2)	Identify graph for a linear equation		61.0	61.4
9PR5 (L1)	Identify the expression for a given polynomial	•	82.5	82.0
9PR6 (L2)	Simplify a polynomial expression		76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	•	81.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial		69.8	68.7
9PR3 (L2)	Solve a linear equation		62.2	58.4
9PR4 (L2)	Solve and represent a linear inequality		40.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry		88.4	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry		74.0	71.2
9SS1 (L2)	Solve the unknown values using circle properties	•	78.8	77.3
9SS1 (L2)	Solve the unknown values using circle properties		67.3	65.0
9SS1 (L2)	Solve the unknown values using circle properties	•	82.7	79.3
9SS1 (L2)	Solve the unknown values using circle properties		58.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties	•	81.8	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability		54.3	42.8
9SP4 (L3)	Identify a potential problem in given case study	•	91.7	88.0



(Item Analysis: % of content answered correctly)

NLESD - Western Region

School #: 394 E.A. Butler All Grade, McKay's

Outcome(s) Cognitive Level	Outcome Description	School [N=7]	Region [N=823]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	71.4	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	71.4	73.8	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	85.7	69.3	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	71.4	71.4	66.9
9N3 (L3)	Compare and order rational numbers	57.1	78.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	42.9	50.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	85.7	75.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	85.7	80.3	78.5
9PR1 (L3)	Extrapolate a linear relation	85.7	95.3	93.8
PPR1 (L2)	Identify graph for a linear equation	85.7	61.0	61.4
9PR5 (L1)	Identify the expression for a given polynomial	100.0	82.5	82.0
9PR6 (L2)	Simplify a polynomial expression	85.7	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	85.7	81.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	85.7	69.8	68.7
9PR3 (L2)	Solve a linear equation	71.4	62.2	58.4
9PR4 (L2)	Solve and represent a linear inequality	42.9	40.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	85.7	88.4	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	57.1	74.0	71.2
9SS1 (L2)	Solve the unknown values using circle properties	71.4	78.8	77.3
9SS1 (L2)	Solve the unknown values using circle properties	85.7	67.3	65.0
9SS1 (L2)	Solve the unknown values using circle properties	100.0	82.7	79.3
9SS1 (L2)	Solve the unknown values using circle properties	71.4	58.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties	85.7	81.8	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	42.9	54.3	42.8
9SP4 (L3)	Identify a potential problem in given case study	100.0	91.7	88.0



(Item Analysis: % of content answered correctly)

NLESD - Western Region

School #: 397 Belanger Memorial School, Upper Ferry

Outcome(s) Cognitive Level	Outcome Description	School [N=12]	Region [N=823]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	41.7	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	75.0	73.8	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	58.3	69.3	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	66.7	71.4	66.9
9N3 (L3)	Compare and order rational numbers	83.3	78.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	41.7	50.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	66.7	75.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	66.7	80.3	78.5
9PR1 (L3)	Extrapolate a linear relation	91.7	95.3	93.8
PPR1 (L2)	Identify graph for a linear equation	83.3	61.0	61.4
9PR5 (L1)	Identify the expression for a given polynomial	83.3	82.5	82.0
9PR6 (L2)	Simplify a polynomial expression	83.3	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	75.0	81.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	75.0	69.8	68.7
9PR3 (L2)	Solve a linear equation	91.7	62.2	58.4
9PR4 (L2)	Solve and represent a linear inequality	50.0	40.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	100.0	88.4	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	83.3	74.0	71.2
9SS1 (L2)	Solve the unknown values using circle properties	66.7	78.8	77.3
9SS1 (L2)	Solve the unknown values using circle properties	50.0	67.3	65.0
9SS1 (L2)	Solve the unknown values using circle properties	83.3	82.7	79.3
9SS1 (L2)	Solve the unknown values using circle properties	50.0	58.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties	83.3	81.8	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	50.0	54.3	42.8
9SP4 (L3)	Identify a potential problem in given case study	91.7	91.7	88.0
				1



(Item Analysis: % of content answered correctly)

NLESD - Western Region

School #: 474 Cloud River Academy, Roddickton

Outcome(s) Cognitive Level	Outcome Description	School [N=11]	Region [N=823]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	45.5	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	63.6	73.8	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	63.6	69.3	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	72.7	71.4	66.9
9N3 (L3)	Compare and order rational numbers	90.9	78.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	27.3	50.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	63.6	75.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	81.8	80.3	78.5
9PR1 (L3)	Extrapolate a linear relation	100.0	95.3	93.8
PPR1 (L2)	Identify graph for a linear equation	36.4	61.0	61.4
9PR5 (L1)	Identify the expression for a given polynomial	81.8	82.5	82.0
9PR6 (L2)	Simplify a polynomial expression	72.7	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	72.7	81.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	90.9	69.8	68.7
9PR3 (L2)	Solve a linear equation	36.4	62.2	58.4
9PR4 (L2)	Solve and represent a linear inequality	36.4	40.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	90.9	88.4	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	81.8	74.0	71.2
9SS1 (L2)	Solve the unknown values using circle properties	72.7	78.8	77.3
9SS1 (L2)	Solve the unknown values using circle properties	45.5	67.3	65.0
9SS1 (L2)	Solve the unknown values using circle properties	72.7	82.7	79.3
9SS1 (L2)	Solve the unknown values using circle properties	63.6	58.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties	72.7	81.8	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	54.6	54.3	42.8
9SP4 (L3)	Identify a potential problem in given case study	100.0	91.7	88.0



(Item Analysis: % of content answered correctly)

NLESD - Western Region

School #: 475 Viking Trail Academy, Plum Point

Outcome(s) Cognitive Level	Outcome Description	School [N=10]	Region [N=823]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	80.0	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	100.0	73.8	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	60.0	69.3	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	100.0	71.4	66.9
9N3 (L3)	Compare and order rational numbers	90.0	78.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	100.0	50.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	90.0	75.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	100.0	80.3	78.5
9PR1 (L3)	Extrapolate a linear relation	100.0	95.3	93.8
PPR1 (L2)	Identify graph for a linear equation	70.0	61.0	61.4
9PR5 (L1)	Identify the expression for a given polynomial	100.0	82.5	82.0
9PR6 (L2)	Simplify a polynomial expression	90.0	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	100.0	81.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	100.0	69.8	68.7
9PR3 (L2)	Solve a linear equation	90.0	62.2	58.4
9PR4 (L2)	Solve and represent a linear inequality	60.0	40.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	100.0	88.4	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	90.0	74.0	71.2
9SS1 (L2)	Solve the unknown values using circle properties	90.0	78.8	77.3
9SS1 (L2)	Solve the unknown values using circle properties	100.0	67.3	65.0
9SS1 (L2)	Solve the unknown values using circle properties	80.0	82.7	79.3
9SS1 (L2)	Solve the unknown values using circle properties	80.0	58.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties	80.0	81.8	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	40.0	54.3	42.8
9SP4 (L3)	Identify a potential problem in given case study	100.0	91.7	88.0



(Item Analysis: % of content answered correctly)

NLESD - Western Region

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

Outcome(s) Cognitive Level	Outcome Description	School [N=11]	Region [N=823]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	63.6	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	100.0	73.8	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	81.8	69.3	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	90.9	71.4	66.9
9N3 (L3)	Compare and order rational numbers	90.9	78.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	36.4	50.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	90.9	75.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	100.0	80.3	78.5
9PR1 (L3)	Extrapolate a linear relation	100.0	95.3	93.8
PPR1 (L2)	Identify graph for a linear equation	54.6	61.0	61.4
9PR5 (L1)	Identify the expression for a given polynomial	81.8	82.5	82.0
9PR6 (L2)	Simplify a polynomial expression	90.9	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	81.8	81.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	63.6	69.8	68.7
9PR3 (L2)	Solve a linear equation	90.9	62.2	58.4
9PR4 (L2)	Solve and represent a linear inequality	72.7	40.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	90.9	88.4	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	72.7	74.0	71.2
9SS1 (L2)	Solve the unknown values using circle properties	100.0	78.8	77.3
9SS1 (L2)	Solve the unknown values using circle properties	100.0	67.3	65.0
9SS1 (L2)	Solve the unknown values using circle properties	81.8	82.7	79.3
9SS1 (L2)	Solve the unknown values using circle properties	63.6	58.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties	100.0	81.8	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	36.4	54.3	42.8
9SP4 (L3)	Identify a potential problem in given case study	100.0	91.7	88.0



(Item Analysis: % of content answered correctly)

NLESD - Western Region

School #: 488 French Shore Academy, Port Saunders

Outcome(s) Cognitive Level	Outcome Description	School [N=22]	Region [N=823]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	40.9	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	59.1	73.8	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	63.6	69.3	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	72.7	71.4	66.9
9N3 (L3)	Compare and order rational numbers	81.8	78.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	36.4	50.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	81.8	75.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	77.3	80.3	78.5
9PR1 (L3)	Extrapolate a linear relation	100.0	95.3	93.8
PPR1 (L2)	Identify graph for a linear equation	68.2	61.0	61.4
9PR5 (L1)	Identify the expression for a given polynomial	77.3	82.5	82.0
9PR6 (L2)	Simplify a polynomial expression	72.7	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	81.8	81.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	50.0	69.8	68.7
9PR3 (L2)	Solve a linear equation	59.1	62.2	58.4
9PR4 (L2)	Solve and represent a linear inequality	31.8	40.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	95.5	88.4	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	77.3	74.0	71.2
9SS1 (L2)	Solve the unknown values using circle properties	86.4	78.8	77.3
9SS1 (L2)	Solve the unknown values using circle properties	59.1	67.3	65.0
9SS1 (L2)	Solve the unknown values using circle properties	72.7	82.7	79.3
9SS1 (L2)	Solve the unknown values using circle properties	59.1	58.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties	63.6	81.8	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	31.8	54.3	42.8
9SP4 (L3)	Identify a potential problem in given case study	90.9	91.7	88.0



(Item Analysis: % of content answered correctly)

NLESD - Western Region

School #: 953 White Hills Academy, St. Anthony

<u>Number</u>		[N=34]	[N=823]	[N=4,979]
9N1 (L1)	Evaluate powers with rational number bases	61.8	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	79.4	73.8	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	58.8	69.3	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	70.6	71.4	66.9
9N3 (L3)	Compare and order rational numbers	82.4	78.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	52.9	50.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	67.7	75.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	82.4	80.3	78.5
9PR1 (L3)	Extrapolate a linear relation	94.1	95.3	93.8
PPR1 (L2)	Identify graph for a linear equation	52.9	61.0	61.4
9PR5 (L1)	Identify the expression for a given polynomial	76.5	82.5	82.0
9PR6 (L2)	Simplify a polynomial expression	73.5	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	79.4	81.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	58.8	69.8	68.7
9PR3 (L2)	Solve a linear equation	52.9	62.2	58.4
9PR4 (L2)	Solve and represent a linear inequality	29.4	40.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	91.2	88.4	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	64.7	74.0	71.2
9SS1 (L2)	Solve the unknown values using circle properties	73.5	78.8	77.3
9SS1 (L2)	Solve the unknown values using circle properties	70.6	67.3	65.0
9SS1 (L2)	Solve the unknown values using circle properties	79.4	82.7	79.3
9SS1 (L2)	Solve the unknown values using circle properties	61.8	58.6	57.3
9SS1 (L2)	Solve the unknown values using circle properties	88.2	81.8	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	42.4	54.3	42.8
9SP4 (L3)	Identify a potential problem in given case study	81.8	91.7	88.0



(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 125 Copper Ridge Academy, Baie Verte

Outcome(s) Cognitive Level	Outcome Description	School [N=26]	Region [N=892]	Provinc [N=4,979
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	48.0	63.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	60.0	68.7	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	60.0	74.2	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	60.0	67.1	66.9
9N3 (L3)	Compare and order rational numbers	36.0	78.5	77.3
9N4 (L1)	Identify order of operations of rational numbers	24.0	48.9	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	60.0	72.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	72.0	77.8	78.5
9PR1 (L3)	Extrapolate a linear relation	92.0	94.0	93.8
PPR1 (L2)	Identify graph for a linear equation	56.0	62.8	61.4
9PR5 (L1)	Identify the expression for a given polynomial	76.0	85.1	82.0
9PR6 (L2)	Simplify a polynomial expression	60.0	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	52.0	79.4	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	84.0	73.0	68.7
9PR3 (L2)	Solve a linear equation	52.0	58.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	20.0	41.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	60.0	81.9	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	60.0	72.4	71.2
9SS1 (L2)	Solve the unknown values using circle properties	68.0	77.5	77.3
9SS1 (L2)	Solve the unknown values using circle properties	44.0	66.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	80.0	78.5	79.3
9SS1 (L2)	Solve the unknown values using circle properties	40.0	53.2	57.3
9SS1 (L2)	Solve the unknown values using circle properties	44.0	78.9	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	36.0	44.7	42.8
9SP4 (L3)	Identify a potential problem in given case study	68.0	88.3	88.0



(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 128 Long Island Academy, Beaumont

Grades: 9,11

Outcome(s) Cognitive Level	Outcome Description	School [N=1]	Region [N=892]	Province [N=4,979]
Number		School data		
9N1 (L1)	Evaluate powers with rational number bases	with 5 or fewer students	63.5	58.4
9N1 (L1)	Evaluate powers with rational number bases		68.7	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	withheld for	74.2	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	reasons of confidentiality.	67.1	66.9
9N3 (L3)	Compare and order rational numbers	cornidentiality.	78.5	77.3
9N4 (L1)	Identify order of operations of rational numbers		48.9	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number		72.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph		77.8	78.5
9PR1 (L3)	Extrapolate a linear relation		94.0	93.8
PPR1 (L2)	Identify graph for a linear equation		62.8	61.4
9PR5 (L1)	Identify the expression for a given polynomial		85.1	82.0
9PR6 (L2)	Simplify a polynomial expression		76.5	75.5
9PR6 (L2)	Simplify a polynomial expression		79.4	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial		73.0	68.7
9PR3 (L2)	Solve a linear equation		58.7	58.4
9PR4 (L2)	Solve and represent a linear inequality		41.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry		81.9	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry		72.4	71.2
9SS1 (L2)	Solve the unknown values using circle properties		77.5	77.3
9SS1 (L2)	Solve the unknown values using circle properties		66.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties		78.5	79.3
9SS1 (L2)	Solve the unknown values using circle properties		53.2	57.3
9SS1 (L2)	Solve the unknown values using circle properties		78.9	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability		44.7	42.8
9SP4 (L3)	Identify a potential problem in given case study		88.3	88.0



(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 132 Botwood Collegiate, Botwood

Grades: 7-12

Outcome(s) Cognitive Level	Outcome Description	School [N=45]	Region [N=892]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	55.6	63.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	66.7	68.7	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	60.0	74.2	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	55.6	67.1	66.9
9N3 (L3)	Compare and order rational numbers	64.4	78.5	77.3
9N4 (L1)	Identify order of operations of rational numbers	51.1	48.9	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	80.0	72.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	64.4	77.8	78.5
9PR1 (L3)	Extrapolate a linear relation	95.6	94.0	93.8
PPR1 (L2)	Identify graph for a linear equation	55.6	62.8	61.4
9PR5 (L1)	Identify the expression for a given polynomial	80.0	85.1	82.0
9PR6 (L2)	Simplify a polynomial expression	91.1	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	77.8	79.4	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	77.8	73.0	68.7
9PR3 (L2)	Solve a linear equation	48.9	58.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	28.9	41.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	84.4	81.9	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	82.2	72.4	71.2
9SS1 (L2)	Solve the unknown values using circle properties	71.1	77.5	77.3
9SS1 (L2)	Solve the unknown values using circle properties	73.3	66.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	82.2	78.5	79.3
9SS1 (L2)	Solve the unknown values using circle properties	48.9	53.2	57.3
9SS1 (L2)	Solve the unknown values using circle properties	82.2	78.9	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	24.4	44.7	42.8
9SP4 (L3)	Identify a potential problem in given case study	86.7	88.3	88.0



(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 138 Victoria Academy, Gaultois

Grades: K-1,4-7,9-12

Outcome(s) Cognitive Level	Outcome Description	School [N=2]	Region [N=892]	Province [N=4,979]
<u>Number</u>		School data		
9N1 (L1)	Evaluate powers with rational number bases	with 5 or fewer	63.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	students	68.7	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	withheld for	74.2	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	reasons of confidentiality.	67.1	66.9
9N3 (L3)	Compare and order rational numbers	cornidentiality.	78.5	77.3
9N4 (L1)	Identify order of operations of rational numbers		48.9	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number		72.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph		77.8	78.5
9PR1 (L3)	Extrapolate a linear relation		94.0	93.8
PPR1 (L2)	Identify graph for a linear equation		62.8	61.4
9PR5 (L1)	Identify the expression for a given polynomial		85.1	82.0
9PR6 (L2)	Simplify a polynomial expression		76.5	75.5
9PR6 (L2)	Simplify a polynomial expression		79.4	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial		73.0	68.7
9PR3 (L2)	Solve a linear equation		58.7	58.4
9PR4 (L2)	Solve and represent a linear inequality		41.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry		81.9	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry		72.4	71.2
9SS1 (L2)	Solve the unknown values using circle properties		77.5	77.3
9SS1 (L2)	Solve the unknown values using circle properties		66.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties		78.5	79.3
9SS1 (L2)	Solve the unknown values using circle properties		53.2	57.3
9SS1 (L2)	Solve the unknown values using circle properties		78.9	77.5
Statistics and Probability				
0CD4 (L1)	Identify the type of probability		44.7	42.8
9SP4 (L1) 9SP4 (L3)	Identify the type of probability Identify a potential problem in given case study		88.3	88.0
551 4 (E5)	identity a potential problem in given case study		00.0	00.0
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(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 149 King Academy, Harbour Breton

Grades: 7-12

Outcome(s) Cognitive Level	Outcome Description	School [N=21]	Region [N=892]	Provinc [N=4,979
Number				
9N1 (L1)	Evaluate powers with rational number bases	71.4	63.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	81.0	68.7	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	90.5	74.2	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	81.0	67.1	66.9
9N3 (L3)	Compare and order rational numbers	85.7	78.5	77.3
9N4 (L1)	Identify order of operations of rational numbers	57.1	48.9	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	95.2	72.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	71.4	77.8	78.5
9PR1 (L3)	Extrapolate a linear relation	100.0	94.0	93.8
PPR1 (L2)	Identify graph for a linear equation	52.4	62.8	61.4
9PR5 (L1)	Identify the expression for a given polynomial	90.5	85.1	82.0
9PR6 (L2)	Simplify a polynomial expression	81.0	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	81.0	79.4	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	90.5	73.0	68.7
9PR3 (L2)	Solve a linear equation	52.4	58.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	42.9	41.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	81.0	81.9	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	81.0	72.4	71.2
9SS1 (L2)	Solve the unknown values using circle properties	71.4	77.5	77.3
9SS1 (L2)	Solve the unknown values using circle properties	47.6	66.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	81.0	78.5	79.3
9SS1 (L2)	Solve the unknown values using circle properties	52.4	53.2	57.3
9SS1 (L2)	Solve the unknown values using circle properties	71.4	78.9	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	33.3	44.7	42.8
9SP4 (L3)	Identify a potential problem in given case study	90.5	88.3	88.0



(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 151 John Watkins Academy, Hermitage

Outcome(s) Cognitive Level	Outcome Description	School [N=4]	Region [N=892]	Province [N=4,979]
Number		Cabaal data		
9N1 (L1)	Evaluate powers with rational number bases	School data with 5 or fewer	63.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	students	68.7	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	withheld for	74.2	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	reasons of	67.1	66.9
9N3 (L3)	Compare and order rational numbers	confidentiality.	78.5	77.3
9N4 (L1)	Identify order of operations of rational numbers		48.9	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number		72.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph		77.8	78.5
9PR1 (L3)	Extrapolate a linear relation		94.0	93.8
PPR1 (L2)	Identify graph for a linear equation		62.8	61.4
9PR5 (L1)	Identify the expression for a given polynomial		85.1	82.0
9PR6 (L2)	Simplify a polynomial expression		76.5	75.5
9PR6 (L2)	Simplify a polynomial expression		79.4	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial		73.0	68.7
9PR3 (L2)	Solve a linear equation		58.7	58.4
9PR4 (L2)	Solve and represent a linear inequality		41.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry		81.9	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry		72.4	71.2
9SS1 (L2)	Solve the unknown values using circle properties		77.5	77.3
9SS1 (L2)	Solve the unknown values using circle properties		66.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties		78.5	79.3
9SS1 (L2)	Solve the unknown values using circle properties		53.2	57.3
9SS1 (L2)	Solve the unknown values using circle properties		78.9	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability		44.7	42.8
9SP4 (L3)	Identify a potential problem in given case study		88.3	88.0



(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 152 Valmont Academy, King's Point

Outcome(s) Cognitive Level	Outcome Description	School [N=6]	Region [N=892]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	66.7	63.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	100.0	68.7	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	83.3	74.2	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	83.3	67.1	66.9
9N3 (L3)	Compare and order rational numbers	100.0	78.5	77.3
9N4 (L1)	Identify order of operations of rational numbers	16.7	48.9	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	66.7	72.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	83.3	77.8	78.5
9PR1 (L3)	Extrapolate a linear relation	83.3	94.0	93.8
PPR1 (L2)	Identify graph for a linear equation	33.3	62.8	61.4
9PR5 (L1)	Identify the expression for a given polynomial	100.0	85.1	82.0
9PR6 (L2)	Simplify a polynomial expression	100.0	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	83.3	79.4	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	66.7	73.0	68.7
9PR3 (L2)	Solve a linear equation	33.3	58.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	66.7	41.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	83.3	81.9	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	66.7	72.4	71.2
9SS1 (L2)	Solve the unknown values using circle properties	50.0	77.5	77.3
9SS1 (L2)	Solve the unknown values using circle properties	66.7	66.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	50.0	78.5	79.3
9SS1 (L2)	Solve the unknown values using circle properties	66.7	53.2	57.3
9SS1 (L2)	Solve the unknown values using circle properties	83.3	78.9	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	20.0	44.7	42.8
9SP4 (L3)	Identify a potential problem in given case study	100.0	88.3	88.0



(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 153 Cape John Collegiate, La Scie

Grades: 7-12

Outcome(s) Cognitive Level	Outcome Description	School [N=18]	Region [N=892]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	44.4	63.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	50.0	68.7	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	38.9	74.2	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	83.3	67.1	66.9
9N3 (L3)	Compare and order rational numbers	88.9	78.5	77.3
9N4 (L1)	Identify order of operations of rational numbers	27.8	48.9	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	55.6	72.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	100.0	77.8	78.5
9PR1 (L3)	Extrapolate a linear relation	100.0	94.0	93.8
PPR1 (L2)	Identify graph for a linear equation	38.9	62.8	61.4
9PR5 (L1)	Identify the expression for a given polynomial	88.9	85.1	82.0
9PR6 (L2)	Simplify a polynomial expression	66.7	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	72.2	79.4	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	50.0	73.0	68.7
9PR3 (L2)	Solve a linear equation	16.7	58.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	27.8	41.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	77.8	81.9	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	66.7	72.4	71.2
9SS1 (L2)	Solve the unknown values using circle properties	83.3	77.5	77.3
9SS1 (L2)	Solve the unknown values using circle properties	83.3	66.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	83.3	78.5	79.3
9SS1 (L2)	Solve the unknown values using circle properties	55.6	53.2	57.3
9SS1 (L2)	Solve the unknown values using circle properties	83.3	78.9	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	27.8	44.7	42.8
9SP4 (L3)	Identify a potential problem in given case study	100.0	88.3	88.0



(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 158 MSB Regional Academy, Middle Arm

Outcome(s) Cognitive Level	Outcome Description	School [N=11]	Region [N=892]	Provinc [N=4,979
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	63.6	63.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	81.8	68.7	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	63.6	74.2	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	81.8	67.1	66.9
9N3 (L3)	Compare and order rational numbers	72.7	78.5	77.3
9N4 (L1)	Identify order of operations of rational numbers	63.6	48.9	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	90.9	72.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	90.9	77.8	78.5
9PR1 (L3)	Extrapolate a linear relation	100.0	94.0	93.8
PPR1 (L2)	Identify graph for a linear equation	72.7	62.8	61.4
9PR5 (L1)	Identify the expression for a given polynomial	100.0	85.1	82.0
9PR6 (L2)	Simplify a polynomial expression	90.9	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	90.9	79.4	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	72.7	73.0	68.7
9PR3 (L2)	Solve a linear equation	81.8	58.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	63.6	41.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	90.9	81.9	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	63.6	72.4	71.2
9SS1 (L2)	Solve the unknown values using circle properties	72.7	77.5	77.3
9SS1 (L2)	Solve the unknown values using circle properties	63.6	66.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	90.9	78.5	79.3
9SS1 (L2)	Solve the unknown values using circle properties	54.6	53.2	57.3
9SS1 (L2)	Solve the unknown values using circle properties	90.9	78.9	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	63.6	44.7	42.8
9SP4 (L3)	Identify a potential problem in given case study	100.0	88.3	88.0



(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 162 Dorset Collegiate, Pilley's Island

Grades: 7-12

Outcome(s) Cognitive Level	Outcome Description	School [N=27]	Region [N=892]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	48.2	63.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	59.3	68.7	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	77.8	74.2	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	55.6	67.1	66.9
9N3 (L3)	Compare and order rational numbers	74.1	78.5	77.3
9N4 (L1)	Identify order of operations of rational numbers	37.0	48.9	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	44.4	72.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	55.6	77.8	78.5
9PR1 (L3)	Extrapolate a linear relation	85.2	94.0	93.8
PPR1 (L2)	Identify graph for a linear equation	51.9	62.8	61.4
9PR5 (L1)	Identify the expression for a given polynomial	81.5	85.1	82.0
9PR6 (L2)	Simplify a polynomial expression	66.7	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	59.3	79.4	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	59.3	73.0	68.7
9PR3 (L2)	Solve a linear equation	51.9	58.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	33.3	41.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	74.1	81.9	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	70.4	72.4	71.2
9SS1 (L2)	Solve the unknown values using circle properties	66.7	77.5	77.3
9SS1 (L2)	Solve the unknown values using circle properties	48.2	66.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	77.8	78.5	79.3
9SS1 (L2)	Solve the unknown values using circle properties	48.2	53.2	57.3
9SS1 (L2)	Solve the unknown values using circle properties	74.1	78.9	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	33.3	44.7	42.8
9SP4 (L3)	Identify a potential problem in given case study	92.6	88.3	88.0



(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 163 Point Leamington Academy, Point Leamington

Outcome(s) Cognitive Level	Outcome Description	School [N=10]	Region [N=892]	Provinc [N=4,979
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	50.0	63.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	70.0	68.7	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	80.0	74.2	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	80.0	67.1	66.9
9N3 (L3)	Compare and order rational numbers	70.0	78.5	77.3
9N4 (L1)	Identify order of operations of rational numbers	80.0	48.9	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	70.0	72.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	70.0	77.8	78.5
9PR1 (L3)	Extrapolate a linear relation	100.0	94.0	93.8
PPR1 (L2)	Identify graph for a linear equation	60.0	62.8	61.4
9PR5 (L1)	Identify the expression for a given polynomial	100.0	85.1	82.0
9PR6 (L2)	Simplify a polynomial expression	60.0	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	90.0	79.4	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	50.0	73.0	68.7
9PR3 (L2)	Solve a linear equation	40.0	58.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	10.0	41.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	90.0	81.9	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	60.0	72.4	71.2
9SS1 (L2)	Solve the unknown values using circle properties	80.0	77.5	77.3
9SS1 (L2)	Solve the unknown values using circle properties	70.0	66.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	80.0	78.5	79.3
9SS1 (L2)	Solve the unknown values using circle properties	80.0	53.2	57.3
9SS1 (L2)	Solve the unknown values using circle properties	80.0	78.9	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	40.0	44.7	42.8
9SP4 (L3)	Identify a potential problem in given case study	80.0	88.3	88.0



(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 165 St. Stephen's AG, Rencontre East

Grades: K-6,8-11

Outcome(s) Cognitive Level	Outcome Description	School [N=3]	Region [N=892]	Province [N=4,979]
<u>Number</u>		School data		
9N1 (L1)	Evaluate powers with rational number bases	with 5 or fewer	63.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	students	68.7	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	withheld for	74.2	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	reasons of confidentiality.	67.1	66.9
9N3 (L3)	Compare and order rational numbers	cornidentiality.	78.5	77.3
9N4 (L1)	Identify order of operations of rational numbers		48.9	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number		72.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph		77.8	78.5
9PR1 (L3)	Extrapolate a linear relation		94.0	93.8
PPR1 (L2)	Identify graph for a linear equation		62.8	61.4
9PR5 (L1)	Identify the expression for a given polynomial		85.1	82.0
9PR6 (L2)	Simplify a polynomial expression		76.5	75.5
9PR6 (L2)	Simplify a polynomial expression		79.4	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial		73.0	68.7
9PR3 (L2)	Solve a linear equation		58.7	58.4
9PR4 (L2)	Solve and represent a linear inequality		41.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry		81.9	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry		72.4	71.2
9SS1 (L2)	Solve the unknown values using circle properties		77.5	77.3
9SS1 (L2)	Solve the unknown values using circle properties		66.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties		78.5	79.3
9SS1 (L2)	Solve the unknown values using circle properties		53.2	57.3
9SS1 (L2)	Solve the unknown values using circle properties		78.9	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability		44.7	42.8
9SP4 (L3)	Identify a potential problem in given case study		88.3	88.0



(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 171 Indian River High School, Springdale

Grades: 7-12

Outcome(s) Cognitive Level	Outcome Description	School [N=36]	Region [N=892]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	58.3	63.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	61.1	68.7	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	63.9	74.2	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	50.0	67.1	66.9
9N3 (L3)	Compare and order rational numbers	69.4	78.5	77.3
9N4 (L1)	Identify order of operations of rational numbers	30.6	48.9	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	58.3	72.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	86.1	77.8	78.5
9PR1 (L3)	Extrapolate a linear relation	97.2	94.0	93.8
PPR1 (L2)	Identify graph for a linear equation	77.8	62.8	61.4
9PR5 (L1)	Identify the expression for a given polynomial	77.8	85.1	82.0
9PR6 (L2)	Simplify a polynomial expression	61.1	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	58.3	79.4	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	72.2	73.0	68.7
9PR3 (L2)	Solve a linear equation	52.8	58.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	36.1	41.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	60.0	81.9	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	71.4	72.4	71.2
9SS1 (L2)	Solve the unknown values using circle properties	74.3	77.5	77.3
9SS1 (L2)	Solve the unknown values using circle properties	80.0	66.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	68.6	78.5	79.3
9SS1 (L2)	Solve the unknown values using circle properties	60.0	53.2	57.3
9SS1 (L2)	Solve the unknown values using circle properties	82.9	78.9	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	54.3	44.7	42.8
9SP4 (L3)	Identify a potential problem in given case study	85.7	88.3	88.0



(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 174 St. Peter's Academy, Westport

Grades: K-3,5-12

Outcome(s) Cognitive Level	Outcome Description	School [N=4]	Region [N=892]	Province [N=4,979]
Number				
9N1 (L1)	Evaluate powers with rational number bases	School data with 5 or fewer	63.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	students	68.7	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	withheld for	74.2	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	reasons of	67.1	66.9
9N3 (L3)	Compare and order rational numbers	confidentiality.	78.5	77.3
9N4 (L1)	Identify order of operations of rational numbers		48.9	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number		72.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph		77.8	78.5
9PR1 (L3)	Extrapolate a linear relation		94.0	93.8
PPR1 (L2)	Identify graph for a linear equation		62.8	61.4
9PR5 (L1)	Identify the expression for a given polynomial		85.1	82.0
9PR6 (L2)	Simplify a polynomial expression		76.5	75.5
9PR6 (L2)	Simplify a polynomial expression		79.4	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial		73.0	68.7
9PR3 (L2)	Solve a linear equation		58.7	58.4
9PR4 (L2)	Solve and represent a linear inequality		41.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry		81.9	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry		72.4	71.2
9SS1 (L2)	Solve the unknown values using circle properties		77.5	77.3
9SS1 (L2)	Solve the unknown values using circle properties		66.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties		78.5	79.3
9SS1 (L2)	Solve the unknown values using circle properties		53.2	57.3
9SS1 (L2)	Solve the unknown values using circle properties		78.9	77.5
Statistics and Probability				
0004 (14)	Identify the type of probability		44.7	42.8
9SP4 (L1) 9SP4 (L3)	Identify the type of probability Identify a potential problem in given case study		88.3	88.0
331 1 (23)	identify a potential problem in given ease study			
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(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 177 Greenwood Academy, Campbellton

Outcome(s) Cognitive Level	Outcome Description	School [N=17]	Region [N=892]	Provinc [N=4,979
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	64.7	63.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	76.5	68.7	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	88.2	74.2	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	82.4	67.1	66.9
9N3 (L3)	Compare and order rational numbers	94.1	78.5	77.3
9N4 (L1)	Identify order of operations of rational numbers	47.1	48.9	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	88.2	72.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	94.1	77.8	78.5
9PR1 (L3)	Extrapolate a linear relation	94.1	94.0	93.8
PPR1 (L2)	Identify graph for a linear equation	88.2	62.8	61.4
9PR5 (L1)	Identify the expression for a given polynomial	88.2	85.1	82.0
9PR6 (L2)	Simplify a polynomial expression	70.6	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	88.2	79.4	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	88.2	73.0	68.7
9PR3 (L2)	Solve a linear equation	58.8	58.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	35.3	41.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	100.0	81.9	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	58.8	72.4	71.2
9SS1 (L2)	Solve the unknown values using circle properties	58.8	77.5	77.3
9SS1 (L2)	Solve the unknown values using circle properties	82.4	66.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	82.4	78.5	79.3
9SS1 (L2)	Solve the unknown values using circle properties	29.4	53.2	57.3
9SS1 (L2)	Solve the unknown values using circle properties	88.2	78.9	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	58.8	44.7	42.8
9SP4 (L3)	Identify a potential problem in given case study	100.0	88.3	88.0



(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 178 Phoenix Academy, Carmanville

Outcome(s) Cognitive Level	Outcome Description	School [N=9]	Region [N=892]	Province [N=4,979]
Number				
9N1 (L1)	Evaluate powers with rational number bases	88.9	63.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	66.7	68.7	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	66.7	74.2	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	55.6	67.1	66.9
9N3 (L3)	Compare and order rational numbers	55.6	78.5	77.3
9N4 (L1)	Identify order of operations of rational numbers	33.3	48.9	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	66.7	72.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	55.6	77.8	78.5
9PR1 (L3)	Extrapolate a linear relation	88.9	94.0	93.8
PPR1 (L2)	Identify graph for a linear equation	77.8	62.8	61.4
9PR5 (L1)	Identify the expression for a given polynomial	77.8	85.1	82.0
9PR6 (L2)	Simplify a polynomial expression	77.8	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	100.0	79.4	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	44.4	73.0	68.7
9PR3 (L2)	Solve a linear equation	66.7	58.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	22.2	41.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	88.9	81.9	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	44.4	72.4	71.2
9SS1 (L2)	Solve the unknown values using circle properties	77.8	77.5	77.3
9SS1 (L2)	Solve the unknown values using circle properties	44.4	66.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	77.8	78.5	79.3
9SS1 (L2)	Solve the unknown values using circle properties	55.6	53.2	57.3
9SS1 (L2)	Solve the unknown values using circle properties	55.6	78.9	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	88.9	44.7	42.8
9SP4 (L3)	Identify a potential problem in given case study	100.0	88.3	88.0



(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 179 Centreville Academy, Centreville-Wareham

Outcome(s) Cognitive Level	Outcome Description	School [N=8]	Region [N=892]	Provinc [N=4,979
Number				
9N1 (L1)	Evaluate powers with rational number bases	75.0	63.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	87.5	68.7	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	87.5	74.2	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	62.5	67.1	66.9
9N3 (L3)	Compare and order rational numbers	75.0	78.5	77.3
9N4 (L1)	Identify order of operations of rational numbers	50.0	48.9	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	62.5	72.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	87.5	77.8	78.5
9PR1 (L3)	Extrapolate a linear relation	100.0	94.0	93.8
PPR1 (L2)	Identify graph for a linear equation	75.0	62.8	61.4
9PR5 (L1)	Identify the expression for a given polynomial	50.0	85.1	82.0
9PR6 (L2)	Simplify a polynomial expression	37.5	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	75.0	79.4	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	37.5	73.0	68.7
9PR3 (L2)	Solve a linear equation	62.5	58.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	50.0	41.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	87.5	81.9	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	50.0	72.4	71.2
9SS1 (L2)	Solve the unknown values using circle properties	75.0	77.5	77.3
9SS1 (L2)	Solve the unknown values using circle properties	87.5	66.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	62.5	78.5	79.3
9SS1 (L2)	Solve the unknown values using circle properties	62.5	53.2	57.3
9SS1 (L2)	Solve the unknown values using circle properties	87.5	78.9	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	12.5	44.7	42.8
9SP4 (L3)	Identify a potential problem in given case study	100.0	88.3	88.0



(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 183 William Mercer Academy, Dover

Outcome(s) Cognitive Level	Outcome Description	School [N=19]	Region [N=892]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	57.9	63.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	63.2	68.7	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	63.2	74.2	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	63.2	67.1	66.9
9N3 (L3)	Compare and order rational numbers	79.0	78.5	77.3
9N4 (L1)	Identify order of operations of rational numbers	15.8	48.9	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	68.4	72.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	52.6	77.8	78.5
9PR1 (L3)	Extrapolate a linear relation	84.2	94.0	93.8
PPR1 (L2)	Identify graph for a linear equation	63.2	62.8	61.4
9PR5 (L1)	Identify the expression for a given polynomial	89.5	85.1	82.0
9PR6 (L2)	Simplify a polynomial expression	63.2	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	79.0	79.4	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	52.6	73.0	68.7
9PR3 (L2)	Solve a linear equation	57.9	58.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	31.6	41.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	63.2	81.9	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	68.4	72.4	71.2
9SS1 (L2)	Solve the unknown values using circle properties	63.2	77.5	77.3
9SS1 (L2)	Solve the unknown values using circle properties	68.4	66.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	57.9	78.5	79.3
9SS1 (L2)	Solve the unknown values using circle properties	31.6	53.2	57.3
9SS1 (L2)	Solve the unknown values using circle properties	52.6	78.9	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	52.6	44.7	42.8
9SP4 (L3)	Identify a potential problem in given case study	84.2	88.3	88.0



(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 192 Lumsden Academy, Lumsden

Outcome(s) Cognitive Level	Outcome Description	School [N=7]	Region [N=892]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	28.6	63.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	71.4	68.7	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	71.4	74.2	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	71.4	67.1	66.9
9N3 (L3)	Compare and order rational numbers	100.0	78.5	77.3
9N4 (L1)	Identify order of operations of rational numbers	28.6	48.9	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	57.1	72.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	57.1	77.8	78.5
9PR1 (L3)	Extrapolate a linear relation	100.0	94.0	93.8
PPR1 (L2)	Identify graph for a linear equation	71.4	62.8	61.4
9PR5 (L1)	Identify the expression for a given polynomial	85.7	85.1	82.0
9PR6 (L2)	Simplify a polynomial expression	71.4	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	71.4	79.4	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	71.4	73.0	68.7
9PR3 (L2)	Solve a linear equation	71.4	58.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	42.9	41.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	85.7	81.9	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	71.4	72.4	71.2
9SS1 (L2)	Solve the unknown values using circle properties	100.0	77.5	77.3
9SS1 (L2)	Solve the unknown values using circle properties	71.4	66.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	85.7	78.5	79.3
9SS1 (L2)	Solve the unknown values using circle properties	42.9	53.2	57.3
9SS1 (L2)	Solve the unknown values using circle properties	85.7	78.9	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	28.6	44.7	42.8
9SP4 (L3)	Identify a potential problem in given case study	100.0	88.3	88.0



(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 194 Gill Memorial Academy, Musgrave Harbour

Outcome(s) Cognitive Level	Outcome Description	School [N=12]	Region [N=892]	Provinc [N=4,979
Number				
9N1 (L1)	Evaluate powers with rational number bases	75.0	63.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	66.7	68.7	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	91.7	74.2	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	75.0	67.1	66.9
9N3 (L3)	Compare and order rational numbers	66.7	78.5	77.3
9N4 (L1)	Identify order of operations of rational numbers	75.0	48.9	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	75.0	72.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	75.0	77.8	78.5
9PR1 (L3)	Extrapolate a linear relation	100.0	94.0	93.8
PPR1 (L2)	Identify graph for a linear equation	66.7	62.8	61.4
9PR5 (L1)	Identify the expression for a given polynomial	83.3	85.1	82.0
9PR6 (L2)	Simplify a polynomial expression	83.3	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	100.0	79.4	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	75.0	73.0	68.7
9PR3 (L2)	Solve a linear equation	66.7	58.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	41.7	41.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	100.0	81.9	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	83.3	72.4	71.2
9SS1 (L2)	Solve the unknown values using circle properties	91.7	77.5	77.3
9SS1 (L2)	Solve the unknown values using circle properties	75.0	66.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	83.3	78.5	79.3
9SS1 (L2)	Solve the unknown values using circle properties	83.3	53.2	57.3
9SS1 (L2)	Solve the unknown values using circle properties	91.7	78.9	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	50.0	44.7	42.8
9SP4 (L3)	Identify a potential problem in given case study	100.0	88.3	88.0



(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 196 St. Gabriel's AG, St. Brendan's

Grades: K-3,6-9,11-12

Outcome(s) Cognitive Level	Outcome Description	School [N=1]	Region [N=892]	Province [N=4,979]
<u>Number</u>		School data		
9N1 (L1)	Evaluate powers with rational number bases	with 5 or fewer	63.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	students	68.7	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	withheld for	74.2	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	reasons of confidentiality.	67.1	66.9
9N3 (L3)	Compare and order rational numbers	confidentiality.	78.5	77.3
9N4 (L1)	Identify order of operations of rational numbers		48.9	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number		72.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph		77.8	78.5
9PR1 (L3)	Extrapolate a linear relation		94.0	93.8
PPR1 (L2)	Identify graph for a linear equation		62.8	61.4
9PR5 (L1)	Identify the expression for a given polynomial		85.1	82.0
9PR6 (L2)	Simplify a polynomial expression		76.5	75.5
9PR6 (L2)	Simplify a polynomial expression		79.4	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial		73.0	68.7
9PR3 (L2)	Solve a linear equation		58.7	58.4
9PR4 (L2)	Solve and represent a linear inequality		41.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry		81.9	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry		72.4	71.2
9SS1 (L2)	Solve the unknown values using circle properties		77.5	77.3
9SS1 (L2)	Solve the unknown values using circle properties		66.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties		78.5	79.3
9SS1 (L2)	Solve the unknown values using circle properties		53.2	57.3
9SS1 (L2)	Solve the unknown values using circle properties		78.9	77.5
Statistics and Probability				
000 (()	Ideal for the Arman of San India.		44.7	40.0
9SP4 (L1)	Identify the type of probability		44.7 88.3	42.8 88.0
9SP4 (L3)	ldentify a potential problem in given case study		00.3	00.0
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(Item Analysis: % of content answered correctly)

NLESD - Central Region

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

Grades: 7-12

Outcome(s) Cognitive Level	Outcome Description	School [N=24]	Region [N=892]	Provinc [N=4,979
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	100.0	63.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	83.3	68.7	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	87.5	74.2	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	75.0	67.1	66.9
9N3 (L3)	Compare and order rational numbers	79.2	78.5	77.3
9N4 (L1)	Identify order of operations of rational numbers	62.5	48.9	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	75.0	72.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	87.5	77.8	78.5
9PR1 (L3)	Extrapolate a linear relation	87.5	94.0	93.8
PPR1 (L2)	Identify graph for a linear equation	54.2	62.8	61.4
9PR5 (L1)	Identify the expression for a given polynomial	87.5	85.1	82.0
9PR6 (L2)	Simplify a polynomial expression	75.0	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	83.3	79.4	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	50.0	73.0	68.7
9PR3 (L2)	Solve a linear equation	66.7	58.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	54.2	41.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	83.3	81.9	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	75.0	72.4	71.2
9SS1 (L2)	Solve the unknown values using circle properties	75.0	77.5	77.3
9SS1 (L2)	Solve the unknown values using circle properties	79.2	66.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	87.5	78.5	79.3
9SS1 (L2)	Solve the unknown values using circle properties	50.0	53.2	57.3
9SS1 (L2)	Solve the unknown values using circle properties	83.3	78.9	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	33.3	44.7	42.8
9SP4 (L3)	Identify a potential problem in given case study	87.5	88.3	88.0



(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 204 Pearson Academy, Wesleyville

Outcome(s) Cognitive Level	Outcome Description	School [N=26]	Region [N=892]	Provinc [N=4,979
Number				
9N1 (L1)	Evaluate powers with rational number bases	46.2	63.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	69.2	68.7	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	88.5	74.2	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	73.1	67.1	66.9
9N3 (L3)	Compare and order rational numbers	80.8	78.5	77.3
9N4 (L1)	Identify order of operations of rational numbers	30.8	48.9	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	76.9	72.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	76.9	77.8	78.5
9PR1 (L3)	Extrapolate a linear relation	88.5	94.0	93.8
PPR1 (L2)	Identify graph for a linear equation	61.5	62.8	61.4
9PR5 (L1)	Identify the expression for a given polynomial	84.6	85.1	82.0
9PR6 (L2)	Simplify a polynomial expression	84.6	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	80.8	79.4	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	57.7	73.0	68.7
9PR3 (L2)	Solve a linear equation	38.5	58.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	34.6	41.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	76.9	81.9	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	73.1	72.4	71.2
9SS1 (L2)	Solve the unknown values using circle properties	69.2	77.5	77.3
9SS1 (L2)	Solve the unknown values using circle properties	50.0	66.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	69.2	78.5	79.3
9SS1 (L2)	Solve the unknown values using circle properties	50.0	53.2	57.3
9SS1 (L2)	Solve the unknown values using circle properties	69.2	78.9	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	30.8	44.7	42.8
9SP4 (L3)	Identify a potential problem in given case study	84.6	88.3	88.0



(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 206 Riverwood Academy, Wing's Point

Outcome(s) Cognitive Level	Outcome Description	School [N=23]	Region [N=892]	Provinc [N=4,979
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	43.5	63.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	47.8	68.7	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	47.8	74.2	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	47.8	67.1	66.9
9N3 (L3)	Compare and order rational numbers	52.2	78.5	77.3
9N4 (L1)	Identify order of operations of rational numbers	39.1	48.9	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	65.2	72.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	78.3	77.8	78.5
9PR1 (L3)	Extrapolate a linear relation	91.3	94.0	93.8
PPR1 (L2)	Identify graph for a linear equation	69.6	62.8	61.4
9PR5 (L1)	Identify the expression for a given polynomial	56.5	85.1	82.0
9PR6 (L2)	Simplify a polynomial expression	52.2	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	69.6	79.4	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	17.4	73.0	68.7
9PR3 (L2)	Solve a linear equation	52.2	58.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	39.1	41.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	87.0	81.9	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	65.2	72.4	71.2
9SS1 (L2)	Solve the unknown values using circle properties	73.9	77.5	77.3
9SS1 (L2)	Solve the unknown values using circle properties	60.9	66.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	78.3	78.5	79.3
9SS1 (L2)	Solve the unknown values using circle properties	47.8	53.2	57.3
9SS1 (L2)	Solve the unknown values using circle properties	82.6	78.9	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	47.8	44.7	42.8
9SP4 (L3)	Identify a potential problem in given case study	65.2	88.3	88.0



(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 398 Avoca Collegiate, Badger

Outcome(s) Cognitive Level	Outcome Description	School [N=11]	Region [N=892]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	81.8	63.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	90.9	68.7	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	72.7	74.2	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	90.9	67.1	66.9
9N3 (L3)	Compare and order rational numbers	81.8	78.5	77.3
9N4 (L1)	Identify order of operations of rational numbers	45.5	48.9	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	81.8	72.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	100.0	77.8	78.5
9PR1 (L3)	Extrapolate a linear relation	100.0	94.0	93.8
PPR1 (L2)	Identify graph for a linear equation	72.7	62.8	61.4
9PR5 (L1)	Identify the expression for a given polynomial	100.0	85.1	82.0
9PR6 (L2)	Simplify a polynomial expression	100.0	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	90.9	79.4	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	90.9	73.0	68.7
9PR3 (L2)	Solve a linear equation	63.6	58.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	54.6	41.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	81.8	81.9	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	90.9	72.4	71.2
9SS1 (L2)	Solve the unknown values using circle properties	90.9	77.5	77.3
9SS1 (L2)	Solve the unknown values using circle properties	45.5	66.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	81.8	78.5	79.3
9SS1 (L2)	Solve the unknown values using circle properties	54.6	53.2	57.3
9SS1 (L2)	Solve the unknown values using circle properties	81.8	78.9	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	27.3	44.7	42.8
9SP4 (L3)	Identify a potential problem in given case study	100.0	88.3	88.0



(Item Analysis: % of content answered correctly)

NLESD - Central Region

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

Grades: 7-12

Outcome(s) Cognitive Level	Outcome Description	School [N=45]	Region [N=892]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	48.9	63.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	57.8	68.7	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	80.0	74.2	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	68.9	67.1	66.9
9N3 (L3)	Compare and order rational numbers	77.8	78.5	77.3
9N4 (L1)	Identify order of operations of rational numbers	53.3	48.9	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	80.0	72.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	71.1	77.8	78.5
9PR1 (L3)	Extrapolate a linear relation	95.6	94.0	93.8
PPR1 (L2)	Identify graph for a linear equation	60.0	62.8	61.4
9PR5 (L1)	Identify the expression for a given polynomial	88.9	85.1	82.0
9PR6 (L2)	Simplify a polynomial expression	84.4	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	84.4	79.4	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	75.6	73.0	68.7
9PR3 (L2)	Solve a linear equation	57.8	58.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	33.3	41.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	75.6	81.9	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	73.3	72.4	71.2
9SS1 (L2)	Solve the unknown values using circle properties	84.4	77.5	77.3
9SS1 (L2)	Solve the unknown values using circle properties	64.4	66.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	73.3	78.5	79.3
9SS1 (L2)	Solve the unknown values using circle properties	66.7	53.2	57.3
9SS1 (L2)	Solve the unknown values using circle properties	73.3	78.9	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	40.0	44.7	42.8
9SP4 (L3)	Identify a potential problem in given case study	91.1	88.3	88.0



(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 403 Lakeside Academy, Buchans

Outcome(s) Cognitive Level	Outcome Description	School [N=10]	Region [N=892]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	50.0	63.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	50.0	68.7	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	50.0	74.2	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	70.0	67.1	66.9
9N3 (L3)	Compare and order rational numbers	50.0	78.5	77.3
9N4 (L1)	Identify order of operations of rational numbers	20.0	48.9	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	80.0	72.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	80.0	77.8	78.5
9PR1 (L3)	Extrapolate a linear relation	100.0	94.0	93.8
PPR1 (L2)	Identify graph for a linear equation	40.0	62.8	61.4
9PR5 (L1)	Identify the expression for a given polynomial	60.0	85.1	82.0
9PR6 (L2)	Simplify a polynomial expression	70.0	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	80.0	79.4	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	50.0	73.0	68.7
9PR3 (L2)	Solve a linear equation	40.0	58.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	20.0	41.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	90.0	81.9	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	80.0	72.4	71.2
9SS1 (L2)	Solve the unknown values using circle properties	90.0	77.5	77.3
9SS1 (L2)	Solve the unknown values using circle properties	50.0	66.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	70.0	78.5	79.3
9SS1 (L2)	Solve the unknown values using circle properties	50.0	53.2	57.3
9SS1 (L2)	Solve the unknown values using circle properties	30.0	78.9	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	10.0	44.7	42.8
9SP4 (L3)	Identify a potential problem in given case study	90.0	88.3	88.0



(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 405 Cottrell's Cove Academy, Cottrell's Cove

Grades: K-1,3-5,7-9,11

Outcome(s) Cognitive Level	Outcome Description	School [N=2]	Region [N=892]	Province [N=4,979]
Number		Others Late		
9N1 (L1)	Evaluate powers with rational number bases	School data with 5 or fewer	63.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	students	68.7	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	withheld for	74.2	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	reasons of	67.1	66.9
9N3 (L3)	Compare and order rational numbers	confidentiality.	78.5	77.3
9N4 (L1)	Identify order of operations of rational numbers		48.9	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number		72.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph		77.8	78.5
9PR1 (L3)	Extrapolate a linear relation		94.0	93.8
PPR1 (L2)	Identify graph for a linear equation		62.8	61.4
9PR5 (L1)	Identify the expression for a given polynomial		85.1	82.0
9PR6 (L2)	Simplify a polynomial expression		76.5	75.5
9PR6 (L2)	Simplify a polynomial expression		79.4	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial		73.0	68.7
9PR3 (L2)	Solve a linear equation		58.7	58.4
9PR4 (L2)	Solve and represent a linear inequality		41.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry		81.9	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry		72.4	71.2
9SS1 (L2)	Solve the unknown values using circle properties		77.5	77.3
9SS1 (L2)	Solve the unknown values using circle properties		66.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties		78.5	79.3
9SS1 (L2)	Solve the unknown values using circle properties		53.2	57.3
9SS1 (L2)	Solve the unknown values using circle properties		78.9	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability		44.7	42.8
9SP4 (L1) 9SP4 (L3)	Identify a potential problem in given case study		88.3	88.0
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(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 406 Fitzgerald Academy, English Harbour West

Outcome(s) Cognitive Level	Outcome Description	School [N=7]	Region [N=892]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	57.1	63.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	57.1	68.7	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	85.7	74.2	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	42.9	67.1	66.9
9N3 (L3)	Compare and order rational numbers	71.4	78.5	77.3
9N4 (L1)	Identify order of operations of rational numbers	14.3	48.9	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	42.9	72.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	57.1	77.8	78.5
9PR1 (L3)	Extrapolate a linear relation	85.7	94.0	93.8
PPR1 (L2)	Identify graph for a linear equation	57.1	62.8	61.4
9PR5 (L1)	Identify the expression for a given polynomial	57.1	85.1	82.0
9PR6 (L2)	Simplify a polynomial expression	71.4	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	71.4	79.4	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	28.6	73.0	68.7
9PR3 (L2)	Solve a linear equation	42.9	58.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	14.3	41.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	85.7	81.9	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	71.4	72.4	71.2
9SS1 (L2)	Solve the unknown values using circle properties	71.4	77.5	77.3
9SS1 (L2)	Solve the unknown values using circle properties	57.1	66.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	57.1	78.5	79.3
9SS1 (L2)	Solve the unknown values using circle properties	28.6	53.2	57.3
9SS1 (L2)	Solve the unknown values using circle properties	42.9	78.9	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	28.6	44.7	42.8
9SP4 (L3)	Identify a potential problem in given case study	57.1	88.3	88.0



(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 407 Bay d'Espoir Academy, Milltown

Outcome(s) Cognitive Level	Outcome Description	School [N=13]	Region [N=892]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	61.5	63.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	61.5	68.7	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	61.5	74.2	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	84.6	67.1	66.9
9N3 (L3)	Compare and order rational numbers	84.6	78.5	77.3
9N4 (L1)	Identify order of operations of rational numbers	76.9	48.9	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	76.9	72.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	69.2	77.8	78.5
9PR1 (L3)	Extrapolate a linear relation	92.3	94.0	93.8
PPR1 (L2)	Identify graph for a linear equation	61.5	62.8	61.4
9PR5 (L1)	Identify the expression for a given polynomial	92.3	85.1	82.0
9PR6 (L2)	Simplify a polynomial expression	61.5	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	76.9	79.4	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	76.9	73.0	68.7
9PR3 (L2)	Solve a linear equation	53.9	58.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	30.8	41.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	92.3	81.9	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	61.5	72.4	71.2
9SS1 (L2)	Solve the unknown values using circle properties	76.9	77.5	77.3
9SS1 (L2)	Solve the unknown values using circle properties	53.9	66.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	76.9	78.5	79.3
9SS1 (L2)	Solve the unknown values using circle properties	53.9	53.2	57.3
9SS1 (L2)	Solve the unknown values using circle properties	69.2	78.9	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	46.2	44.7	42.8
9SP4 (L3)	Identify a potential problem in given case study	53.9	88.3	88.0



(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 413 Holy Cross School Complex, Eastport

Outcome(s) Cognitive Level	Outcome Description	School [N=6]	Region [N=892]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	66.7	63.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	66.7	68.7	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	66.7	74.2	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	33.3	67.1	66.9
9N3 (L3)	Compare and order rational numbers	100.0	78.5	77.3
9N4 (L1)	Identify order of operations of rational numbers	66.7	48.9	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	33.3	72.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	50.0	77.8	78.5
9PR1 (L3)	Extrapolate a linear relation	100.0	94.0	93.8
PPR1 (L2)	Identify graph for a linear equation	66.7	62.8	61.4
9PR5 (L1)	Identify the expression for a given polynomial	66.7	85.1	82.0
9PR6 (L2)	Simplify a polynomial expression	66.7	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	83.3	79.4	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	66.7	73.0	68.7
9PR3 (L2)	Solve a linear equation	0.0	58.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	16.7	41.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	66.7	81.9	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	66.7	72.4	71.2
9SS1 (L2)	Solve the unknown values using circle properties	50.0	77.5	77.3
9SS1 (L2)	Solve the unknown values using circle properties	66.7	66.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	66.7	78.5	79.3
9SS1 (L2)	Solve the unknown values using circle properties	33.3	53.2	57.3
9SS1 (L2)	Solve the unknown values using circle properties	83.3	78.9	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	33.3	44.7	42.8
9SP4 (L3)	Identify a potential problem in given case study	100.0	88.3	88.0



(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 414 Fogo Island Central Academy, Fogo Island

Outcome(s) Cognitive Level	Outcome Description	School [N=19]	Region [N=892]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	63.2	63.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	84.2	68.7	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	84.2	74.2	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	68.4	67.1	66.9
9N3 (L3)	Compare and order rational numbers	94.7	78.5	77.3
9N4 (L1)	Identify order of operations of rational numbers	47.4	48.9	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	73.7	72.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	68.4	77.8	78.5
9PR1 (L3)	Extrapolate a linear relation	94.7	94.0	93.8
PPR1 (L2)	Identify graph for a linear equation	52.6	62.8	61.4
9PR5 (L1)	Identify the expression for a given polynomial	94.7	85.1	82.0
9PR6 (L2)	Simplify a polynomial expression	89.5	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	79.0	79.4	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	89.5	73.0	68.7
9PR3 (L2)	Solve a linear equation	68.4	58.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	47.4	41.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	84.2	81.9	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	79.0	72.4	71.2
9SS1 (L2)	Solve the unknown values using circle properties	84.2	77.5	77.3
9SS1 (L2)	Solve the unknown values using circle properties	68.4	66.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	89.5	78.5	79.3
9SS1 (L2)	Solve the unknown values using circle properties	52.6	53.2	57.3
9SS1 (L2)	Solve the unknown values using circle properties	79.0	78.9	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	36.8	44.7	42.8
9SP4 (L3)	Identify a potential problem in given case study	94.7	88.3	88.0



(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 416 Smallwood Academy, Gambo

Outcome(s) Cognitive Level	Outcome Description	School [N=22]	Region [N=892]	Provinc [N=4,979
Number				
9N1 (L1)	Evaluate powers with rational number bases	50.0	63.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	54.6	68.7	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	50.0	74.2	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	68.2	67.1	66.9
9N3 (L3)	Compare and order rational numbers	59.1	78.5	77.3
9N4 (L1)	Identify order of operations of rational numbers	27.3	48.9	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	68.2	72.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	86.4	77.8	78.5
9PR1 (L3)	Extrapolate a linear relation	86.4	94.0	93.8
PPR1 (L2)	Identify graph for a linear equation	63.6	62.8	61.4
9PR5 (L1)	Identify the expression for a given polynomial	68.2	85.1	82.0
9PR6 (L2)	Simplify a polynomial expression	63.6	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	59.1	79.4	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	63.6	73.0	68.7
9PR3 (L2)	Solve a linear equation	54.6	58.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	36.4	41.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	68.2	81.9	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	54.6	72.4	71.2
9SS1 (L2)	Solve the unknown values using circle properties	72.7	77.5	77.3
9SS1 (L2)	Solve the unknown values using circle properties	68.2	66.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	72.7	78.5	79.3
9SS1 (L2)	Solve the unknown values using circle properties	40.9	53.2	57.3
9SS1 (L2)	Solve the unknown values using circle properties	95.5	78.9	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	36.4	44.7	42.8
9SP4 (L3)	Identify a potential problem in given case study	68.2	88.3	88.0



(Item Analysis: % of content answered correctly)

NLESD - Central Region

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

Grades: 7-9

Outcome(s) Cognitive Level	Outcome Description	School [N=115]	Region [N=892]	Province [N=4,979
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	67.8	63.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	72.2	68.7	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	82.6	74.2	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	67.0	67.1	66.9
9N3 (L3)	Compare and order rational numbers	87.0	78.5	77.3
9N4 (L1)	Identify order of operations of rational numbers	57.4	48.9	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	75.7	72.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	86.1	77.8	78.5
9PR1 (L3)	Extrapolate a linear relation	95.7	94.0	93.8
PPR1 (L2)	Identify graph for a linear equation	68.7	62.8	61.4
9PR5 (L1)	Identify the expression for a given polynomial	90.4	85.1	82.0
9PR6 (L2)	Simplify a polynomial expression	84.4	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	92.2	79.4	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	81.7	73.0	68.7
9PR3 (L2)	Solve a linear equation	74.8	58.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	53.9	41.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	89.6	81.9	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	80.0	72.4	71.2
9SS1 (L2)	Solve the unknown values using circle properties	87.8	77.5	77.3
9SS1 (L2)	Solve the unknown values using circle properties	74.8	66.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	85.2	78.5	79.3
9SS1 (L2)	Solve the unknown values using circle properties	76.5	53.2	57.3
9SS1 (L2)	Solve the unknown values using circle properties	91.3	78.9	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	71.3	44.7	42.8
9SP4 (L3)	Identify a potential problem in given case study	99.1	88.3	88.0



(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 421 Lakewood Academy, Glenwood

Outcome(s) Cognitive Level	Outcome Description	School [N=6]	Region [N=892]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	66.7	63.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	100.0	68.7	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	83.3	74.2	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	66.7	67.1	66.9
9N3 (L3)	Compare and order rational numbers	100.0	78.5	77.3
9N4 (L1)	Identify order of operations of rational numbers	83.3	48.9	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	66.7	72.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	83.3	77.8	78.5
9PR1 (L3)	Extrapolate a linear relation	100.0	94.0	93.8
PPR1 (L2)	Identify graph for a linear equation	50.0	62.8	61.4
9PR5 (L1)	Identify the expression for a given polynomial	100.0	85.1	82.0
9PR6 (L2)	Simplify a polynomial expression	83.3	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	100.0	79.4	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	50.0	73.0	68.7
9PR3 (L2)	Solve a linear equation	66.7	58.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	66.7	41.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	83.3	81.9	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	66.7	72.4	71.2
9SS1 (L2)	Solve the unknown values using circle properties	100.0	77.5	77.3
9SS1 (L2)	Solve the unknown values using circle properties	100.0	66.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	83.3	78.5	79.3
9SS1 (L2)	Solve the unknown values using circle properties	50.0	53.2	57.3
9SS1 (L2)	Solve the unknown values using circle properties	100.0	78.9	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	0.0	44.7	42.8
9SP4 (L3)	Identify a potential problem in given case study	100.0	88.3	88.0



(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 422 Glovertown Academy, Glovertown

Outcome(s) Cognitive Level	Outcome Description	School [N=20]	Region [N=892]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	50.0	63.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	80.0	68.7	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	75.0	74.2	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	60.0	67.1	66.9
9N3 (L3)	Compare and order rational numbers	70.0	78.5	77.3
9N4 (L1)	Identify order of operations of rational numbers	45.0	48.9	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	70.0	72.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	90.0	77.8	78.5
9PR1 (L3)	Extrapolate a linear relation	95.0	94.0	93.8
PPR1 (L2)	Identify graph for a linear equation	70.0	62.8	61.4
9PR5 (L1)	Identify the expression for a given polynomial	95.0	85.1	82.0
9PR6 (L2)	Simplify a polynomial expression	90.0	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	80.0	79.4	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	75.0	73.0	68.7
9PR3 (L2)	Solve a linear equation	65.0	58.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	60.0	41.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	85.0	81.9	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	70.0	72.4	71.2
9SS1 (L2)	Solve the unknown values using circle properties	85.0	77.5	77.3
9SS1 (L2)	Solve the unknown values using circle properties	75.0	66.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	90.0	78.5	79.3
9SS1 (L2)	Solve the unknown values using circle properties	50.0	53.2	57.3
9SS1 (L2)	Solve the unknown values using circle properties	85.0	78.9	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	70.0	44.7	42.8
9SP4 (L3)	Identify a potential problem in given case study	95.0	88.3	88.0



(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 426 Hillview Academy, Norris Arm

Outcome(s) Cognitive Level	Outcome Description	School [N=13]	Region [N=892]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	61.5	63.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	76.9	68.7	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	100.0	74.2	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	69.2	67.1	66.9
9N3 (L3)	Compare and order rational numbers	76.9	78.5	77.3
9N4 (L1)	Identify order of operations of rational numbers	46.2	48.9	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	69.2	72.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	100.0	77.8	78.5
9PR1 (L3)	Extrapolate a linear relation	100.0	94.0	93.8
PPR1 (L2)	Identify graph for a linear equation	46.2	62.8	61.4
9PR5 (L1)	Identify the expression for a given polynomial	92.3	85.1	82.0
9PR6 (L2)	Simplify a polynomial expression	84.6	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	84.6	79.4	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	92.3	73.0	68.7
9PR3 (L2)	Solve a linear equation	84.6	58.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	61.5	41.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	92.3	81.9	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	84.6	72.4	71.2
9SS1 (L2)	Solve the unknown values using circle properties	100.0	77.5	77.3
9SS1 (L2)	Solve the unknown values using circle properties	76.9	66.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	100.0	78.5	79.3
9SS1 (L2)	Solve the unknown values using circle properties	61.5	53.2	57.3
9SS1 (L2)	Solve the unknown values using circle properties	92.3	78.9	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	84.6	44.7	42.8
9SP4 (L3)	Identify a potential problem in given case study	100.0	88.3	88.0



(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 478 New World Island Academy, Summerford

Outcome(s) Cognitive Level	Outcome Description	School [N=29]	Region [N=892]	Provinc [N=4,979
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	55.2	63.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	72.4	68.7	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	69.0	74.2	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	69.0	67.1	66.9
9N3 (L3)	Compare and order rational numbers	86.2	78.5	77.3
9N4 (L1)	Identify order of operations of rational numbers	62.1	48.9	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	82.8	72.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	82.8	77.8	78.5
9PR1 (L3)	Extrapolate a linear relation	93.1	94.0	93.8
PPR1 (L2)	Identify graph for a linear equation	65.5	62.8	61.4
9PR5 (L1)	Identify the expression for a given polynomial	93.1	85.1	82.0
9PR6 (L2)	Simplify a polynomial expression	82.8	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	79.3	79.4	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	82.8	73.0	68.7
9PR3 (L2)	Solve a linear equation	55.2	58.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	41.4	41.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	89.7	81.9	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	79.3	72.4	71.2
9SS1 (L2)	Solve the unknown values using circle properties	69.0	77.5	77.3
9SS1 (L2)	Solve the unknown values using circle properties	72.4	66.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	72.4	78.5	79.3
9SS1 (L2)	Solve the unknown values using circle properties	37.9	53.2	57.3
9SS1 (L2)	Solve the unknown values using circle properties	86.2	78.9	77.5
` '				
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	37.9	44.7	42.8
9SP4 (L3)	Identify a potential problem in given case study	75.9	88.3	88.0



(Item Analysis: % of content answered correctly)

NLESD - Central Region

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

Grades: 7-9

Outcome(s) Cognitive Level	Outcome Description	School [N=153]	Region [N=892]	Provinc [N=4,979
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	71.9	63.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	66.7	68.7	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	77.1	74.2	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	68.0	67.1	66.9
9N3 (L3)	Compare and order rational numbers	86.9	78.5	77.3
9N4 (L1)	Identify order of operations of rational numbers	51.6	48.9	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	77.1	72.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	77.8	77.8	78.5
9PR1 (L3)	Extrapolate a linear relation	95.4	94.0	93.8
PPR1 (L2)	Identify graph for a linear equation	64.1	62.8	61.4
9PR5 (L1)	Identify the expression for a given polynomial	88.9	85.1	82.0
9PR6 (L2)	Simplify a polynomial expression	74.5	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	79.7	79.4	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	82.4	73.0	68.7
9PR3 (L2)	Solve a linear equation	60.1	58.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	38.6	41.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	84.3	81.9	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	73.9	72.4	71.2
9SS1 (L2)	Solve the unknown values using circle properties	79.7	77.5	77.3
9SS1 (L2)	Solve the unknown values using circle properties	60.1	66.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	79.7	78.5	79.3
9SS1 (L2)	Solve the unknown values using circle properties	49.0	53.2	57.3
9SS1 (L2)	Solve the unknown values using circle properties	77.1	78.9	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	38.6	44.7	42.8
9SP4 (L3)	Identify a potential problem in given case study	85.0	88.3	88.0



(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 486 Lewisporte Intermediate, Lewisporte

Grades: 7-9

Outcome(s) Cognitive Level	Outcome Description	School [N=61]	Region [N=892]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	81.7	63.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	71.7	68.7	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	75.0	74.2	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	68.3	67.1	66.9
9N3 (L3)	Compare and order rational numbers	83.3	78.5	77.3
9N4 (L1)	Identify order of operations of rational numbers	55.0	48.9	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	70.0	72.8	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	75.0	77.8	78.5
9PR1 (L3)	Extrapolate a linear relation	93.3	94.0	93.8
PPR1 (L2)	Identify graph for a linear equation	65.0	62.8	61.4
9PR5 (L1)	Identify the expression for a given polynomial	83.3	85.1	82.0
9PR6 (L2)	Simplify a polynomial expression	80.0	76.5	75.5
9PR6 (L2)	Simplify a polynomial expression	81.7	79.4	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	80.0	73.0	68.7
9PR3 (L2)	Solve a linear equation	65.0	58.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	55.0	41.0	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	80.0	81.9	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	73.3	72.4	71.2
9SS1 (L2)	Solve the unknown values using circle properties	75.0	77.5	77.3
9SS1 (L2)	Solve the unknown values using circle properties	68.3	66.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	71.7	78.5	79.3
9SS1 (L2)	Solve the unknown values using circle properties	43.3	53.2	57.3
9SS1 (L2)	Solve the unknown values using circle properties	81.7	78.9	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	51.7	44.7	42.8
9SP4 (L3)	Identify a potential problem in given case study	95.0	88.3	88.0
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(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

School #: 209 Pearce Junior High School, Salt Pond

Grades: 8-9

<u>Number</u> 9N1 (L1)			[N=2,955]	[N=4,979]
9N1 (L1)				
	Evaluate powers with rational number bases	54.3	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	79.3	72.3	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	75.0	66.0	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	73.3	65.9	66.9
9N3 (L3)	Compare and order rational numbers	83.6	76.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	66.4	53.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	67.2	70.4	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	76.7	78.4	78.5
9PR1 (L3)	Extrapolate a linear relation	93.1	93.3	93.8
PPR1 (L2)	Identify graph for a linear equation	71.6	60.9	61.4
9PR5 (L1)	Identify the expression for a given polynomial	69.0	81.0	82.0
9PR6 (L2)	Simplify a polynomial expression	72.4	74.6	75.5
9PR6 (L2)	Simplify a polynomial expression	77.6	81.9	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	60.3	67.9	68.7
9PR3 (L2)	Solve a linear equation	63.8	57.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	46.6	43.3	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	83.6	86.3	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	69.8	70.1	71.2
9SS1 (L2)	Solve the unknown values using circle properties	76.7	76.9	77.3
9SS1 (L2)	Solve the unknown values using circle properties	62.9	63.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	73.3	78.4	79.3
9SS1 (L2)	Solve the unknown values using circle properties	57.8	57.8	57.3
9SS1 (L2)	Solve the unknown values using circle properties	77.6	76.5	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	62.1	39.2	42.8
9SP4 (L3)	Identify a potential problem in given case study	89.7	87.1	88.0



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

School #: 214 John Burke High School, Grand Bank

Grades: 8-12

Outcome(s) Cognitive Level	Outcome Description	School [N=39]	Region [N=2,955]	Provinc [N=4,979
Number				
9N1 (L1)	Evaluate powers with rational number bases	51.3	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	71.8	72.3	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	74.4	66.0	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	61.5	65.9	66.9
9N3 (L3)	Compare and order rational numbers	87.2	76.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	53.9	53.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	89.7	70.4	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	76.9	78.4	78.5
9PR1 (L3)	Extrapolate a linear relation	84.6	93.3	93.8
PPR1 (L2)	Identify graph for a linear equation	61.5	60.9	61.4
9PR5 (L1)	Identify the expression for a given polynomial	74.4	81.0	82.0
9PR6 (L2)	Simplify a polynomial expression	66.7	74.6	75.5
9PR6 (L2)	Simplify a polynomial expression	76.9	81.9	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	76.9	67.9	68.7
9PR3 (L2)	Solve a linear equation	64.1	57.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	43.6	43.3	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	84.6	86.3	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	69.2	70.1	71.2
9SS1 (L2)	Solve the unknown values using circle properties	82.1	76.9	77.3
9SS1 (L2)	Solve the unknown values using circle properties	64.1	63.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	69.2	78.4	79.3
9SS1 (L2)	Solve the unknown values using circle properties	48.7	57.8	57.3
9SS1 (L2)	Solve the unknown values using circle properties	66.7	76.5	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	56.4	39.2	42.8
9SP4 (L3)	Identify a potential problem in given case study	87.2	87.1	88.0



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

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

Outcome(s) Cognitive Level	Outcome Description	School [N=4]	Region [N=2,955]	Province [N=4,979]
Number		Cabaal data		
9N1 (L1)	Evaluate powers with rational number bases	School data with 5 or fewer	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	students	72.3	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	withheld for	66.0	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	reasons of	65.9	66.9
9N3 (L3)	Compare and order rational numbers	confidentiality.	76.8	77.3
9N4 (L1)	Identify order of operations of rational numbers		53.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number		70.4	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph		78.4	78.5
9PR1 (L3)	Extrapolate a linear relation		93.3	93.8
PPR1 (L2)	Identify graph for a linear equation		60.9	61.4
9PR5 (L1)	Identify the expression for a given polynomial		81.0	82.0
9PR6 (L2)	Simplify a polynomial expression		74.6	75.5
9PR6 (L2)	Simplify a polynomial expression		81.9	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial		67.9	68.7
9PR3 (L2)	Solve a linear equation		57.7	58.4
9PR4 (L2)	Solve and represent a linear inequality		43.3	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry		86.3	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry		70.1	71.2
9SS1 (L2)	Solve the unknown values using circle properties		76.9	77.3
9SS1 (L2)	Solve the unknown values using circle properties		63.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties		78.4	79.3
9SS1 (L2)	Solve the unknown values using circle properties		57.8	57.3
9SS1 (L2)	Solve the unknown values using circle properties		76.5	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability		39.2	42.8
9SP4 (L3)	Identify a potential problem in given case study		87.1	88.0



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

School #: 223 Christ the King School, Rushoon

Outcome(s) Cognitive Level	Outcome Description	School [N=14]	Region [N=2,955]	Provinc [N=4,979
Number				
9N1 (L1)	Evaluate powers with rational number bases	28.6	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	42.9	72.3	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	35.7	66.0	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	28.6	65.9	66.9
9N3 (L3)	Compare and order rational numbers	57.1	76.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	7.1	53.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	50.0	70.4	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	71.4	78.4	78.5
9PR1 (L3)	Extrapolate a linear relation	71.4	93.3	93.8
PPR1 (L2)	Identify graph for a linear equation	57.1	60.9	61.4
9PR5 (L1)	Identify the expression for a given polynomial	57.1	81.0	82.0
9PR6 (L2)	Simplify a polynomial expression	71.4	74.6	75.5
9PR6 (L2)	Simplify a polynomial expression	71.4	81.9	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	50.0	67.9	68.7
9PR3 (L2)	Solve a linear equation	35.7	57.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	28.6	43.3	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	71.4	86.3	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	50.0	70.1	71.2
9SS1 (L2)	Solve the unknown values using circle properties	78.6	76.9	77.3
9SS1 (L2)	Solve the unknown values using circle properties	50.0	63.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	85.7	78.4	79.3
9SS1 (L2)	Solve the unknown values using circle properties	50.0	57.8	57.3
9SS1 (L2)	Solve the unknown values using circle properties	57.1	76.5	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	21.4	39.2	42.8
9SP4 (L3)	Identify a potential problem in given case study	85.7	87.1	88.0



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

School #: 225 St. Anne's School, South East Bight

Grades: K-1,4-7,9-10

Outcome(s) Cognitive Level	Outcome Description	School [N=1]	Region [N=2,955]	Province [N=4,979]
<u>Number</u>		School data		
9N1 (L1)	Evaluate powers with rational number bases	with 5 or fewer	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	students	72.3	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	withheld for	66.0	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	reasons of confidentiality.	65.9	66.9
9N3 (L3)	Compare and order rational numbers	cornideritianty.	76.8	77.3
9N4 (L1)	Identify order of operations of rational numbers		53.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number		70.4	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph		78.4	78.5
9PR1 (L3)	Extrapolate a linear relation		93.3	93.8
PPR1 (L2)	Identify graph for a linear equation		60.9	61.4
9PR5 (L1)	Identify the expression for a given polynomial		81.0	82.0
9PR6 (L2)	Simplify a polynomial expression		74.6	75.5
9PR6 (L2)	Simplify a polynomial expression		81.9	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial		67.9	68.7
9PR3 (L2)	Solve a linear equation		57.7	58.4
9PR4 (L2)	Solve and represent a linear inequality		43.3	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry		86.3	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry		70.1	71.2
9SS1 (L2)	Solve the unknown values using circle properties		76.9	77.3
9SS1 (L2)	Solve the unknown values using circle properties		63.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties		78.4	79.3
9SS1 (L2)	Solve the unknown values using circle properties		57.8	57.3
9SS1 (L2)	Solve the unknown values using circle properties		76.5	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability		39.2	42.8
9SP4 (L3)	Identify a potential problem in given case study		87.1	88.0



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

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

Outcome(s) Cognitive Level	Outcome Description	School [N=10]	Region [N=2,955]	Province [N=4,979]
Number				
9N1 (L1)	Evaluate powers with rational number bases	30.0	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	70.0	72.3	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	30.0	66.0	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	70.0	65.9	66.9
9N3 (L3)	Compare and order rational numbers	30.0	76.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	30.0	53.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	30.0	70.4	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	70.0	78.4	78.5
9PR1 (L3)	Extrapolate a linear relation	70.0	93.3	93.8
PPR1 (L2)	Identify graph for a linear equation	60.0	60.9	61.4
9PR5 (L1)	Identify the expression for a given polynomial	50.0	81.0	82.0
9PR6 (L2)	Simplify a polynomial expression	50.0	74.6	75.5
9PR6 (L2)	Simplify a polynomial expression	70.0	81.9	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	40.0	67.9	68.7
9PR3 (L2)	Solve a linear equation	40.0	57.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	40.0	43.3	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	90.0	86.3	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	40.0	70.1	71.2
9SS1 (L2)	Solve the unknown values using circle properties	60.0	76.9	77.3
9SS1 (L2)	Solve the unknown values using circle properties	50.0	63.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	80.0	78.4	79.3
9SS1 (L2)	Solve the unknown values using circle properties	30.0	57.8	57.3
9SS1 (L2)	Solve the unknown values using circle properties	60.0	76.5	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	60.0	39.2	42.8
9SP4 (L3)	Identify a potential problem in given case study	90.0	87.1	88.0



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

School #: 228 St. Lawrence Academy, St. Lawrence

Outcome(s) Cognitive Level	Outcome Description	School [N=14]	Region [N=2,955]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	78.6	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	85.7	72.3	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	42.9	66.0	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	64.3	65.9	66.9
9N3 (L3)	Compare and order rational numbers	64.3	76.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	57.1	53.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	57.1	70.4	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	85.7	78.4	78.5
9PR1 (L3)	Extrapolate a linear relation	92.9	93.3	93.8
PPR1 (L2)	Identify graph for a linear equation	57.1	60.9	61.4
9PR5 (L1)	Identify the expression for a given polynomial	85.7	81.0	82.0
9PR6 (L2)	Simplify a polynomial expression	71.4	74.6	75.5
9PR6 (L2)	Simplify a polynomial expression	85.7	81.9	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	71.4	67.9	68.7
9PR3 (L2)	Solve a linear equation	28.6	57.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	35.7	43.3	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	85.7	86.3	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	50.0	70.1	71.2
9SS1 (L2)	Solve the unknown values using circle properties	92.9	76.9	77.3
9SS1 (L2)	Solve the unknown values using circle properties	64.3	63.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	92.9	78.4	79.3
9SS1 (L2)	Solve the unknown values using circle properties	64.3	57.8	57.3
9SS1 (L2)	Solve the unknown values using circle properties	92.9	76.5	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	21.4	39.2	42.8
9SP4 (L3)	Identify a potential problem in given case study	92.9	87.1	88.0



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

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

Outcome(s) Cognitive Level	Outcome Description	School [N=12]	Region [N=2,955]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	33.3	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	33.3	72.3	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	50.0	66.0	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	58.3	65.9	66.9
9N3 (L3)	Compare and order rational numbers	50.0	76.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	25.0	53.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	66.7	70.4	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	66.7	78.4	78.5
9PR1 (L3)	Extrapolate a linear relation	91.7	93.3	93.8
PPR1 (L2)	Identify graph for a linear equation	58.3	60.9	61.4
9PR5 (L1)	Identify the expression for a given polynomial	83.3	81.0	82.0
9PR6 (L2)	Simplify a polynomial expression	25.0	74.6	75.5
9PR6 (L2)	Simplify a polynomial expression	83.3	81.9	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	50.0	67.9	68.7
9PR3 (L2)	Solve a linear equation	66.7	57.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	41.7	43.3	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	75.0	86.3	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	41.7	70.1	71.2
9SS1 (L2)	Solve the unknown values using circle properties	75.0	76.9	77.3
9SS1 (L2)	Solve the unknown values using circle properties	41.7	63.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	83.3	78.4	79.3
9SS1 (L2)	Solve the unknown values using circle properties	25.0	57.8	57.3
9SS1 (L2)	Solve the unknown values using circle properties	91.7	76.5	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	33.3	39.2	42.8
9SP4 (L3)	Identify a potential problem in given case study	91.7	87.1	88.0



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

School #: 231 Discovery Collegiate, Bonavista

Grades: 7-12

Outcome(s) Cognitive Level	Outcome Description	School [N=54]	Region [N=2,955]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	50.0	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	66.7	72.3	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	75.9	66.0	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	68.5	65.9	66.9
9N3 (L3)	Compare and order rational numbers	68.5	76.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	63.0	53.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	70.4	70.4	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	90.7	78.4	78.5
9PR1 (L3)	Extrapolate a linear relation	94.4	93.3	93.8
PPR1 (L2)	Identify graph for a linear equation	74.1	60.9	61.4
9PR5 (L1)	Identify the expression for a given polynomial	61.1	81.0	82.0
9PR6 (L2)	Simplify a polynomial expression	72.2	74.6	75.5
9PR6 (L2)	Simplify a polynomial expression	87.0	81.9	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	74.1	67.9	68.7
9PR3 (L2)	Solve a linear equation	66.7	57.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	40.7	43.3	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	92.6	86.3	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	68.5	70.1	71.2
9SS1 (L2)	Solve the unknown values using circle properties	72.2	76.9	77.3
9SS1 (L2)	Solve the unknown values using circle properties	63.0	63.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	83.3	78.4	79.3
9SS1 (L2)	Solve the unknown values using circle properties	63.0	57.8	57.3
9SS1 (L2)	Solve the unknown values using circle properties	81.5	76.5	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	63.0	39.2	42.8
9SP4 (L3)	Identify a potential problem in given case study	92.6	87.1	88.0



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

School #: 240 Bishop White School, Port Rexton

Grades: K-12

Outcome(s) Cognitive Level	Outcome Description	School [N=10]	Region [N=2,955]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	20.0	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	80.0	72.3	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	80.0	66.0	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	80.0	65.9	66.9
9N3 (L3)	Compare and order rational numbers	70.0	76.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	40.0	53.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	70.0	70.4	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	80.0	78.4	78.5
9PR1 (L3)	Extrapolate a linear relation	100.0	93.3	93.8
PPR1 (L2)	Identify graph for a linear equation	40.0	60.9	61.4
9PR5 (L1)	Identify the expression for a given polynomial	50.0	81.0	82.0
9PR6 (L2)	Simplify a polynomial expression	80.0	74.6	75.5
9PR6 (L2)	Simplify a polynomial expression	80.0	81.9	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	50.0	67.9	68.7
9PR3 (L2)	Solve a linear equation	70.0	57.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	50.0	43.3	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	90.0	86.3	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	90.0	70.1	71.2
9SS1 (L2)	Solve the unknown values using circle properties	80.0	76.9	77.3
9SS1 (L2)	Solve the unknown values using circle properties	80.0	63.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	80.0	78.4	79.3
9SS1 (L2)	Solve the unknown values using circle properties	60.0	57.8	57.3
9SS1 (L2)	Solve the unknown values using circle properties	50.0	76.5	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	50.0	39.2	42.8
9SP4 (L3)	Identify a potential problem in given case study	100.0	87.1	88.0

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(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

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

Outcome(s) Cognitive Level	Outcome Description	School [N=13]	Region [N=2,955]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	53.9	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	92.3	72.3	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	84.6	66.0	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	92.3	65.9	66.9
9N3 (L3)	Compare and order rational numbers	84.6	76.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	76.9	53.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	69.2	70.4	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	92.3	78.4	78.5
9PR1 (L3)	Extrapolate a linear relation	92.3	93.3	93.8
PPR1 (L2)	Identify graph for a linear equation	38.5	60.9	61.4
9PR5 (L1)	Identify the expression for a given polynomial	84.6	81.0	82.0
9PR6 (L2)	Simplify a polynomial expression	92.3	74.6	75.5
9PR6 (L2)	Simplify a polynomial expression	92.3	81.9	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	69.2	67.9	68.7
9PR3 (L2)	Solve a linear equation	84.6	57.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	76.9	43.3	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	92.3	86.3	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	61.5	70.1	71.2
9SS1 (L2)	Solve the unknown values using circle properties	69.2	76.9	77.3
9SS1 (L2)	Solve the unknown values using circle properties	61.5	63.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	84.6	78.4	79.3
9SS1 (L2)	Solve the unknown values using circle properties	61.5	57.8	57.3
9SS1 (L2)	Solve the unknown values using circle properties	76.9	76.5	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	23.1	39.2	42.8
9SP4 (L3)	Identify a potential problem in given case study	92.3	87.1	88.0



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

School #: 246 Swift Current Academy, Swift Current

Outcome(s) Cognitive Level	Outcome Description	School [N=2]	Region [N=2,955]	Province [N=4,979]
Number				
9N1 (L1)	Evaluate powers with rational number bases	School data with 5 or fewer	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	students	72.3	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	withheld for	66.0	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	reasons of	65.9	66.9
9N3 (L3)	Compare and order rational numbers	confidentiality.	76.8	77.3
9N4 (L1)	Identify order of operations of rational numbers		53.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	ı	70.4	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	•	78.4	78.5
9PR1 (L3)	Extrapolate a linear relation	•	93.3	93.8
PPR1 (L2)	Identify graph for a linear equation		60.9	61.4
9PR5 (L1)	Identify the expression for a given polynomial	•	81.0	82.0
9PR6 (L2)	Simplify a polynomial expression		74.6	75.5
9PR6 (L2)	Simplify a polynomial expression	•	81.9	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial		67.9	68.7
9PR3 (L2)	Solve a linear equation		57.7	58.4
9PR4 (L2)	Solve and represent a linear inequality		43.3	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry		86.3	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry		70.1	71.2
9SS1 (L2)	Solve the unknown values using circle properties	•	76.9	77.3
9SS1 (L2)	Solve the unknown values using circle properties		63.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	•	78.4	79.3
9SS1 (L2)	Solve the unknown values using circle properties		57.8	57.3
9SS1 (L2)	Solve the unknown values using circle properties	•	76.5	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability		39.2	42.8
9SP4 (L3)	Identify a potential problem in given case study	•	87.1	88.0



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

School #: 247 Roncalli Central High, Avondale

Grades: 7-12

Outcome(s) Cognitive Level	Outcome Description	School [N=42]	Region [N=2,955]	Provinc [N=4,979
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	42.9	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	59.5	72.3	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	45.2	66.0	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	61.9	65.9	66.9
9N3 (L3)	Compare and order rational numbers	61.9	76.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	45.2	53.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	61.9	70.4	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	69.1	78.4	78.5
9PR1 (L3)	Extrapolate a linear relation	90.5	93.3	93.8
PPR1 (L2)	Identify graph for a linear equation	64.3	60.9	61.4
9PR5 (L1)	Identify the expression for a given polynomial	78.6	81.0	82.0
9PR6 (L2)	Simplify a polynomial expression	59.5	74.6	75.5
9PR6 (L2)	Simplify a polynomial expression	64.3	81.9	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	69.1	67.9	68.7
9PR3 (L2)	Solve a linear equation	54.8	57.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	42.9	43.3	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	81.0	86.3	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	69.1	70.1	71.2
9SS1 (L2)	Solve the unknown values using circle properties	64.3	76.9	77.3
9SS1 (L2)	Solve the unknown values using circle properties	61.9	63.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	71.4	78.4	79.3
9SS1 (L2)	Solve the unknown values using circle properties	59.5	57.8	57.3
9SS1 (L2)	Solve the unknown values using circle properties	85.7	76.5	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	45.2	39.2	42.8
9SP4 (L3)	Identify a potential problem in given case study	83.3	87.1	88.0



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

School #: 248 Amalgamated Academy, Bay Roberts

Grades: 4-9

Outcome(s) Cognitive Level	Outcome Description	School [N=131]	Region [N=2,955]	Provinc [N=4,979
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	58.8	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	75.6	72.3	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	67.2	66.0	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	71.8	65.9	66.9
9N3 (L3)	Compare and order rational numbers	78.6	76.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	52.7	53.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	71.0	70.4	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	80.2	78.4	78.5
9PR1 (L3)	Extrapolate a linear relation	96.2	93.3	93.8
PPR1 (L2)	Identify graph for a linear equation	63.4	60.9	61.4
9PR5 (L1)	Identify the expression for a given polynomial	78.6	81.0	82.0
9PR6 (L2)	Simplify a polynomial expression	65.7	74.6	75.5
9PR6 (L2)	Simplify a polynomial expression	80.2	81.9	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	64.1	67.9	68.7
9PR3 (L2)	Solve a linear equation	48.1	57.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	31.3	43.3	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	86.3	86.3	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	69.5	70.1	71.2
9SS1 (L2)	Solve the unknown values using circle properties	72.5	76.9	77.3
9SS1 (L2)	Solve the unknown values using circle properties	66.4	63.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	80.9	78.4	79.3
9SS1 (L2)	Solve the unknown values using circle properties	72.5	57.8	57.3
9SS1 (L2)	Solve the unknown values using circle properties	78.6	76.5	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	42.8	39.2	42.8
9SP4 (L3)	Identify a potential problem in given case study	91.6	87.1	88.0



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

School #: 253 Carbonear Collegiate, Carbonear

Grades: 9-12

Outcome(s) Cognitive Level	Outcome Description	School [N=111]	Region [N=2,955]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	64.9	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	61.3	72.3	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	63.1	66.0	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	61.3	65.9	66.9
9N3 (L3)	Compare and order rational numbers	65.8	76.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	39.6	53.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	55.0	70.4	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	73.0	78.4	78.5
9PR1 (L3)	Extrapolate a linear relation	91.0	93.3	93.8
PPR1 (L2)	Identify graph for a linear equation	46.9	60.9	61.4
9PR5 (L1)	Identify the expression for a given polynomial	76.6	81.0	82.0
9PR6 (L2)	Simplify a polynomial expression	60.4	74.6	75.5
9PR6 (L2)	Simplify a polynomial expression	78.4	81.9	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	70.3	67.9	68.7
9PR3 (L2)	Solve a linear equation	43.2	57.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	38.7	43.3	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	82.0	86.3	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	58.6	70.1	71.2
9SS1 (L2)	Solve the unknown values using circle properties	67.6	76.9	77.3
9SS1 (L2)	Solve the unknown values using circle properties	57.7	63.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	67.6	78.4	79.3
9SS1 (L2)	Solve the unknown values using circle properties	45.1	57.8	57.3
9SS1 (L2)	Solve the unknown values using circle properties	67.6	76.5	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	29.7	39.2	42.8
9SP4 (L3)	Identify a potential problem in given case study	77.5	87.1	88.0



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

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

Outcome(s) Cognitive Level	Outcome Description	School [N=6]	Region [N=2,955]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	50.0	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	83.3	72.3	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	83.3	66.0	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	66.7	65.9	66.9
9N3 (L3)	Compare and order rational numbers	83.3	76.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	83.3	53.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	66.7	70.4	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	83.3	78.4	78.5
9PR1 (L3)	Extrapolate a linear relation	100.0	93.3	93.8
PPR1 (L2)	Identify graph for a linear equation	83.3	60.9	61.4
9PR5 (L1)	Identify the expression for a given polynomial	100.0	81.0	82.0
9PR6 (L2)	Simplify a polynomial expression	83.3	74.6	75.5
9PR6 (L2)	Simplify a polynomial expression	100.0	81.9	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	83.3	67.9	68.7
9PR3 (L2)	Solve a linear equation	83.3	57.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	66.7	43.3	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	100.0	86.3	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	83.3	70.1	71.2
9SS1 (L2)	Solve the unknown values using circle properties	83.3	76.9	77.3
9SS1 (L2)	Solve the unknown values using circle properties	50.0	63.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	83.3	78.4	79.3
9SS1 (L2)	Solve the unknown values using circle properties	83.3	57.8	57.3
9SS1 (L2)	Solve the unknown values using circle properties	100.0	76.5	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	16.7	39.2	42.8
9SP4 (L3)	Identify a potential problem in given case study	100.0	87.1	88.0



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

School #: 280 Laval High School, Placentia

Outcome(s) Cognitive Level	Outcome Description	School [N=30]	Region [N=2,955]	Provinc [N=4,979
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	90.0	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	76.7	72.3	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	86.7	66.0	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	83.3	65.9	66.9
9N3 (L3)	Compare and order rational numbers	90.0	76.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	40.0	53.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	90.0	70.4	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	93.3	78.4	78.5
9PR1 (L3)	Extrapolate a linear relation	100.0	93.3	93.8
PPR1 (L2)	Identify graph for a linear equation	66.7	60.9	61.4
9PR5 (L1)	Identify the expression for a given polynomial	80.0	81.0	82.0
9PR6 (L2)	Simplify a polynomial expression	86.7	74.6	75.5
9PR6 (L2)	Simplify a polynomial expression	90.0	81.9	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	66.7	67.9	68.7
9PR3 (L2)	Solve a linear equation	60.0	57.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	56.7	43.3	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	90.0	86.3	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	86.7	70.1	71.2
9SS1 (L2)	Solve the unknown values using circle properties	93.3	76.9	77.3
9SS1 (L2)	Solve the unknown values using circle properties	70.0	63.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	93.3	78.4	79.3
9SS1 (L2)	Solve the unknown values using circle properties	66.7	57.8	57.3
9SS1 (L2)	Solve the unknown values using circle properties	76.7	76.5	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	40.0	39.2	42.8
9SP4 (L3)	Identify a potential problem in given case study	93.3	87.1	88.0



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

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

Outcome(s) Cognitive Level	Outcome Description	School [N=23]	Region [N=2,955]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	73.9	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	60.9	72.3	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	65.2	66.0	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	60.9	65.9	66.9
9N3 (L3)	Compare and order rational numbers	87.0	76.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	43.5	53.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	78.3	70.4	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	73.9	78.4	78.5
9PR1 (L3)	Extrapolate a linear relation	91.3	93.3	93.8
PPR1 (L2)	Identify graph for a linear equation	60.9	60.9	61.4
9PR5 (L1)	Identify the expression for a given polynomial	73.9	81.0	82.0
9PR6 (L2)	Simplify a polynomial expression	82.6	74.6	75.5
9PR6 (L2)	Simplify a polynomial expression	91.3	81.9	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	30.4	67.9	68.7
9PR3 (L2)	Solve a linear equation	56.5	57.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	56.5	43.3	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	91.3	86.3	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	60.9	70.1	71.2
9SS1 (L2)	Solve the unknown values using circle properties	82.6	76.9	77.3
9SS1 (L2)	Solve the unknown values using circle properties	56.5	63.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	78.3	78.4	79.3
9SS1 (L2)	Solve the unknown values using circle properties	56.5	57.8	57.3
9SS1 (L2)	Solve the unknown values using circle properties	78.3	76.5	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	34.8	39.2	42.8
9SP4 (L3)	Identify a potential problem in given case study	91.3	87.1	88.0



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

School #: 286 Fatima Academy, St. Bride's

Outcome(s) Cognitive Level	Outcome Description	School [N=9]	Region [N=2,955]	Provinc [N=4,979
Number				
9N1 (L1)	Evaluate powers with rational number bases	44.4	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	77.8	72.3	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	88.9	66.0	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	77.8	65.9	66.9
9N3 (L3)	Compare and order rational numbers	88.9	76.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	66.7	53.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	88.9	70.4	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	77.8	78.4	78.5
9PR1 (L3)	Extrapolate a linear relation	100.0	93.3	93.8
PPR1 (L2)	Identify graph for a linear equation	66.7	60.9	61.4
9PR5 (L1)	Identify the expression for a given polynomial	77.8	81.0	82.0
9PR6 (L2)	Simplify a polynomial expression	88.9	74.6	75.5
9PR6 (L2)	Simplify a polynomial expression	100.0	81.9	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	66.7	67.9	68.7
9PR3 (L2)	Solve a linear equation	88.9	57.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	66.7	43.3	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	88.9	86.3	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	88.9	70.1	71.2
9SS1 (L2)	Solve the unknown values using circle properties	66.7	76.9	77.3
9SS1 (L2)	Solve the unknown values using circle properties	66.7	63.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	88.9	78.4	79.3
9SS1 (L2)	Solve the unknown values using circle properties	77.8	57.8	57.3
9SS1 (L2)	Solve the unknown values using circle properties	66.7	76.5	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	77.8	39.2	42.8
9SP4 (L3)	Identify a potential problem in given case study	77.8	87.1	88.0



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

School #: 287 Dunne Memorial Academy, St. Mary's

Outcome(s) Cognitive Level	Outcome Description	School [N=8]	Region [N=2,955]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	62.5	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	62.5	72.3	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	75.0	66.0	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	87.5	65.9	66.9
9N3 (L3)	Compare and order rational numbers	75.0	76.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	62.5	53.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	87.5	70.4	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	75.0	78.4	78.5
9PR1 (L3)	Extrapolate a linear relation	87.5	93.3	93.8
PPR1 (L2)	Identify graph for a linear equation	37.5	60.9	61.4
9PR5 (L1)	Identify the expression for a given polynomial	75.0	81.0	82.0
9PR6 (L2)	Simplify a polynomial expression	87.5	74.6	75.5
9PR6 (L2)	Simplify a polynomial expression	87.5	81.9	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	37.5	67.9	68.7
9PR3 (L2)	Solve a linear equation	75.0	57.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	50.0	43.3	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	100.0	86.3	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	87.5	70.1	71.2
9SS1 (L2)	Solve the unknown values using circle properties	87.5	76.9	77.3
9SS1 (L2)	Solve the unknown values using circle properties	62.5	63.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	100.0	78.4	79.3
9SS1 (L2)	Solve the unknown values using circle properties	75.0	57.8	57.3
9SS1 (L2)	Solve the unknown values using circle properties	87.5	76.5	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	37.5	39.2	42.8
9SP4 (L3)	Identify a potential problem in given case study	100.0	87.1	88.0



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

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

Outcome(s) Cognitive Level	Outcome Description	School [N=24]	Region [N=2,955]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	66.7	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	79.2	72.3	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	79.2	66.0	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	54.2	65.9	66.9
9N3 (L3)	Compare and order rational numbers	83.3	76.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	54.2	53.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	66.7	70.4	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	70.8	78.4	78.5
9PR1 (L3)	Extrapolate a linear relation	91.7	93.3	93.8
PPR1 (L2)	Identify graph for a linear equation	75.0	60.9	61.4
9PR5 (L1)	Identify the expression for a given polynomial	62.5	81.0	82.0
9PR6 (L2)	Simplify a polynomial expression	70.8	74.6	75.5
9PR6 (L2)	Simplify a polynomial expression	83.3	81.9	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	62.5	67.9	68.7
9PR3 (L2)	Solve a linear equation	66.7	57.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	58.3	43.3	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	79.2	86.3	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	87.5	70.1	71.2
9SS1 (L2)	Solve the unknown values using circle properties	62.5	76.9	77.3
9SS1 (L2)	Solve the unknown values using circle properties	66.7	63.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	79.2	78.4	79.3
9SS1 (L2)	Solve the unknown values using circle properties	50.0	57.8	57.3
9SS1 (L2)	Solve the unknown values using circle properties	66.7	76.5	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	54.2	39.2	42.8
9SP4 (L3)	Identify a potential problem in given case study	83.3	87.1	88.0



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

School #: 296 St. Michael's High, Bell Island

Outcome(s) Cognitive Level	Outcome Description	School [N=22]	Region [N=2,955]	Province [N=4,979]
Number				
9N1 (L1)	Evaluate powers with rational number bases	50.0	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	50.0	72.3	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	40.9	66.0	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	36.4	65.9	66.9
9N3 (L3)	Compare and order rational numbers	63.6	76.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	27.3	53.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	45.5	70.4	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	50.0	78.4	78.5
9PR1 (L3)	Extrapolate a linear relation	81.8	93.3	93.8
PPR1 (L2)	Identify graph for a linear equation	36.4	60.9	61.4
9PR5 (L1)	Identify the expression for a given polynomial	50.0	81.0	82.0
9PR6 (L2)	Simplify a polynomial expression	59.1	74.6	75.5
9PR6 (L2)	Simplify a polynomial expression	54.6	81.9	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	50.0	67.9	68.7
9PR3 (L2)	Solve a linear equation	31.8	57.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	36.4	43.3	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	54.6	86.3	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	50.0	70.1	71.2
9SS1 (L2)	Solve the unknown values using circle properties	59.1	76.9	77.3
9SS1 (L2)	Solve the unknown values using circle properties	54.6	63.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	72.7	78.4	79.3
9SS1 (L2)	Solve the unknown values using circle properties	45.5	57.8	57.3
9SS1 (L2)	Solve the unknown values using circle properties	68.2	76.5	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	22.7	39.2	42.8
9SP4 (L3)	Identify a potential problem in given case study	81.8	87.1	88.0



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

School #: 300 Frank Roberts Junior High, Conception Bay South (Foxtrap)

Outcome(s) Cognitive Level	Outcome Description	School [N=167]	Region [N=2,955]	Provinc [N=4,979
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	39.8	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	69.3	72.3	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	57.8	66.0	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	51.2	65.9	66.9
9N3 (L3)	Compare and order rational numbers	68.7	76.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	47.6	53.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	69.9	70.4	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	77.1	78.4	78.5
9PR1 (L3)	Extrapolate a linear relation	94.6	93.3	93.8
PPR1 (L2)	Identify graph for a linear equation	57.8	60.9	61.4
9PR5 (L1)	Identify the expression for a given polynomial	88.6	81.0	82.0
9PR6 (L2)	Simplify a polynomial expression	77.7	74.6	75.5
9PR6 (L2)	Simplify a polynomial expression	78.3	81.9	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	67.5	67.9	68.7
9PR3 (L2)	Solve a linear equation	50.6	57.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	35.5	43.3	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	83.7	86.3	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	68.1	70.1	71.2
9SS1 (L2)	Solve the unknown values using circle properties	76.5	76.9	77.3
9SS1 (L2)	Solve the unknown values using circle properties	67.5	63.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	85.5	78.4	79.3
9SS1 (L2)	Solve the unknown values using circle properties	62.7	57.8	57.3
9SS1 (L2)	Solve the unknown values using circle properties	77.1	76.5	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	35.5	39.2	42.8
9SP4 (L3)	Identify a potential problem in given case study	81.3	87.1	88.0



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

School #: 304 Holy Spirit High, Conception Bay South (Manuels)

Grades: 9-12

Outcome(s) Cognitive Level	Outcome Description	School [N=209]	Region [N=2,955]	Provinc [N=4,979
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	62.2	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	81.8	72.3	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	71.8	66.0	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	67.5	65.9	66.9
9N3 (L3)	Compare and order rational numbers	82.3	76.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	56.9	53.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	76.1	70.4	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	78.0	78.4	78.5
9PR1 (L3)	Extrapolate a linear relation	95.7	93.3	93.8
PPR1 (L2)	Identify graph for a linear equation	57.9	60.9	61.4
9PR5 (L1)	Identify the expression for a given polynomial	87.6	81.0	82.0
9PR6 (L2)	Simplify a polynomial expression	81.3	74.6	75.5
9PR6 (L2)	Simplify a polynomial expression	87.6	81.9	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	78.5	67.9	68.7
9PR3 (L2)	Solve a linear equation	59.3	57.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	54.1	43.3	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	93.8	86.3	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	72.7	70.1	71.2
9SS1 (L2)	Solve the unknown values using circle properties	84.7	76.9	77.3
9SS1 (L2)	Solve the unknown values using circle properties	69.9	63.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	84.7	78.4	79.3
9SS1 (L2)	Solve the unknown values using circle properties	66.5	57.8	57.3
9SS1 (L2)	Solve the unknown values using circle properties	86.6	76.5	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	29.7	39.2	42.8
9SP4 (L3)	Identify a potential problem in given case study	91.9	87.1	88.0



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

School #: 307 Mobile Central High, Mobile

Outcome(s) Cognitive Level	Outcome Description	School [N=40]	Region [N=2,955]	Provinc [N=4,979
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	72.5	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	85.0	72.3	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	85.0	66.0	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	85.0	65.9	66.9
9N3 (L3)	Compare and order rational numbers	85.0	76.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	55.0	53.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	90.0	70.4	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	77.5	78.4	78.5
9PR1 (L3)	Extrapolate a linear relation	100.0	93.3	93.8
PPR1 (L2)	Identify graph for a linear equation	60.0	60.9	61.4
9PR5 (L1)	Identify the expression for a given polynomial	87.5	81.0	82.0
9PR6 (L2)	Simplify a polynomial expression	92.5	74.6	75.5
9PR6 (L2)	Simplify a polynomial expression	95.0	81.9	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	60.0	67.9	68.7
9PR3 (L2)	Solve a linear equation	95.0	57.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	72.5	43.3	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	92.5	86.3	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	70.0	70.1	71.2
9SS1 (L2)	Solve the unknown values using circle properties	87.5	76.9	77.3
9SS1 (L2)	Solve the unknown values using circle properties	80.0	63.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	92.5	78.4	79.3
9SS1 (L2)	Solve the unknown values using circle properties	77.5	57.8	57.3
9SS1 (L2)	Solve the unknown values using circle properties	90.0	76.5	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	15.4	39.2	42.8
9SP4 (L3)	Identify a potential problem in given case study	94.9	87.1	88.0



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

School #: 310 Mount Pearl Intermediate, Mount Pearl

Grades: 5-9

Cognitive Level	Outcome Description	[N=210]	Region [N=2,955]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	57.1	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	78.6	72.3	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	68.6	66.0	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	71.0	65.9	66.9
9N3 (L3)	Compare and order rational numbers	88.1	76.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	70.0	53.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	76.7	70.4	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	84.3	78.4	78.5
9PR1 (L3)	Extrapolate a linear relation	96.7	93.3	93.8
PPR1 (L2)	Identify graph for a linear equation	68.6	60.9	61.4
9PR5 (L1)	Identify the expression for a given polynomial	89.1	81.0	82.0
9PR6 (L2)	Simplify a polynomial expression	86.2	74.6	75.5
9PR6 (L2)	Simplify a polynomial expression	87.6	81.9	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	77.6	67.9	68.7
9PR3 (L2)	Solve a linear equation	58.1	57.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	40.5	43.3	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	85.7	86.3	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	76.2	70.1	71.2
9SS1 (L2)	Solve the unknown values using circle properties	78.6	76.9	77.3
9SS1 (L2)	Solve the unknown values using circle properties	66.7	63.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	75.7	78.4	79.3
9SS1 (L2)	Solve the unknown values using circle properties	60.5	57.8	57.3
9SS1 (L2)	Solve the unknown values using circle properties	77.1	76.5	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	36.7	39.2	42.8
9SP4 (L3)	Identify a potential problem in given case study	93.7	87.1	88.0



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

School #: 315 St. Peter's Junior High, Mount Pearl

Outcome(s) Cognitive Level	Outcome Description	School [N=195]	Region [N=2,955]	Provinc [N=4,979
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	44.0	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	64.3	72.3	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	54.9	66.0	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	57.0	65.9	66.9
9N3 (L3)	Compare and order rational numbers	65.8	76.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	56.5	53.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	61.1	70.4	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	70.5	78.4	78.5
9PR1 (L3)	Extrapolate a linear relation	93.8	93.3	93.8
PPR1 (L2)	Identify graph for a linear equation	60.6	60.9	61.4
9PR5 (L1)	Identify the expression for a given polynomial	85.0	81.0	82.0
9PR6 (L2)	Simplify a polynomial expression	74.6	74.6	75.5
9PR6 (L2)	Simplify a polynomial expression	81.9	81.9	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	67.9	67.9	68.7
9PR3 (L2)	Solve a linear equation	53.9	57.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	36.8	43.3	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	85.5	86.3	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	67.9	70.1	71.2
9SS1 (L2)	Solve the unknown values using circle properties	67.9	76.9	77.3
9SS1 (L2)	Solve the unknown values using circle properties	59.6	63.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	63.7	78.4	79.3
9SS1 (L2)	Solve the unknown values using circle properties	43.5	57.8	57.3
9SS1 (L2)	Solve the unknown values using circle properties	66.8	76.5	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	34.7	39.2	42.8
9SP4 (L3)	Identify a potential problem in given case study	78.2	87.1	88.0



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

School #: 324 Beaconsfield Junior High, St. John's

Outcome(s) Cognitive Level	Outcome Description	School [N=223]	Region [N=2,955]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	59.9	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	71.2	72.3	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	69.8	66.0	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	59.9	65.9	66.9
9N3 (L3)	Compare and order rational numbers	76.1	76.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	46.9	53.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	70.7	70.4	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	77.5	78.4	78.5
9PR1 (L3)	Extrapolate a linear relation	87.8	93.3	93.8
PPR1 (L2)	Identify graph for a linear equation	60.4	60.9	61.4
9PR5 (L1)	Identify the expression for a given polynomial	86.9	81.0	82.0
9PR6 (L2)	Simplify a polynomial expression	68.0	74.6	75.5
9PR6 (L2)	Simplify a polynomial expression	79.3	81.9	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	79.3	67.9	68.7
9PR3 (L2)	Solve a linear equation	59.0	57.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	46.4	43.3	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	86.0	86.3	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	62.2	70.1	71.2
9SS1 (L2)	Solve the unknown values using circle properties	73.9	76.9	77.3
9SS1 (L2)	Solve the unknown values using circle properties	58.6	63.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	75.7	78.4	79.3
9SS1 (L2)	Solve the unknown values using circle properties	48.2	57.8	57.3
9SS1 (L2)	Solve the unknown values using circle properties	72.5	76.5	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	44.1	39.2	42.8
9SP4 (L3)	Identify a potential problem in given case study	82.9	87.1	88.0



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

School #: 330 Brother Rice Junior High, St. John's

Outcome(s) Cognitive Level	Outcome Description	School [N=114]	Region [N=2,955]	Provinc [N=4,979
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	51.8	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	65.8	72.3	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	58.8	66.0	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	52.6	65.9	66.9
9N3 (L3)	Compare and order rational numbers	78.1	76.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	50.9	53.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	61.4	70.4	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	76.3	78.4	78.5
9PR1 (L3)	Extrapolate a linear relation	93.9	93.3	93.8
PPR1 (L2)	Identify graph for a linear equation	52.6	60.9	61.4
9PR5 (L1)	Identify the expression for a given polynomial	76.3	81.0	82.0
9PR6 (L2)	Simplify a polynomial expression	67.5	74.6	75.5
9PR6 (L2)	Simplify a polynomial expression	75.4	81.9	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	57.9	67.9	68.7
9PR3 (L2)	Solve a linear equation	55.3	57.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	38.6	43.3	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	72.8	86.3	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	71.1	70.1	71.2
9SS1 (L2)	Solve the unknown values using circle properties	72.8	76.9	77.3
9SS1 (L2)	Solve the unknown values using circle properties	56.1	63.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	70.2	78.4	79.3
9SS1 (L2)	Solve the unknown values using circle properties	51.8	57.8	57.3
9SS1 (L2)	Solve the unknown values using circle properties	73.7	76.5	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	41.6	39.2	42.8
9SP4 (L3)	Identify a potential problem in given case study	89.4	87.1	88.0



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

School #: 335 Leary's Brook Junior High, St. John's

Outcome(s) Cognitive Level	Outcome Description	School [N=151]	Region [N=2,955]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	68.7	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	80.7	72.3	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	72.7	66.0	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	78.7	65.9	66.9
9N3 (L3)	Compare and order rational numbers	80.0	76.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	50.7	53.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	78.7	70.4	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	84.0	78.4	78.5
9PR1 (L3)	Extrapolate a linear relation	93.3	93.3	93.8
PPR1 (L2)	Identify graph for a linear equation	60.0	60.9	61.4
9PR5 (L1)	Identify the expression for a given polynomial	88.0	81.0	82.0
9PR6 (L2)	Simplify a polynomial expression	78.0	74.6	75.5
9PR6 (L2)	Simplify a polynomial expression	84.0	81.9	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	64.0	67.9	68.7
9PR3 (L2)	Solve a linear equation	73.3	57.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	48.7	43.3	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	87.3	86.3	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	76.0	70.1	71.2
9SS1 (L2)	Solve the unknown values using circle properties	84.0	76.9	77.3
9SS1 (L2)	Solve the unknown values using circle properties	69.3	63.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	80.7	78.4	79.3
9SS1 (L2)	Solve the unknown values using circle properties	60.0	57.8	57.3
9SS1 (L2)	Solve the unknown values using circle properties	81.3	76.5	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	32.7	39.2	42.8
9SP4 (L3)	Identify a potential problem in given case study	78.7	87.1	88.0
			72.3 66.0 65.9 76.8 53.7 70.4 78.4 93.3 60.9 81.0 74.6 81.9 67.9 57.7 43.3 86.3 70.1 76.9 63.5 78.4 57.8 76.5	



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

School #: 343 MacDonald Drive Junior High, St. John's

Outcome(s) Cognitive Level	Outcome Description	School [N=223]	Region [N=2,955]	Provinc [N=4,979
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	75.8	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	82.1	72.3	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	79.8	66.0	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	81.6	65.9	66.9
9N3 (L3)	Compare and order rational numbers	86.6	76.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	58.3	53.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	78.0	70.4	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	89.2	78.4	78.5
9PR1 (L3)	Extrapolate a linear relation	96.0	93.3	93.8
PPR1 (L2)	Identify graph for a linear equation	61.4	60.9	61.4
9PR5 (L1)	Identify the expression for a given polynomial	84.8	81.0	82.0
9PR6 (L2)	Simplify a polynomial expression	82.5	74.6	75.5
9PR6 (L2)	Simplify a polynomial expression	91.5	81.9	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	74.0	67.9	68.7
9PR3 (L2)	Solve a linear equation	69.1	57.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	57.4	43.3	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	90.6	86.3	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	77.6	70.1	71.2
9SS1 (L2)	Solve the unknown values using circle properties	82.1	76.9	77.3
9SS1 (L2)	Solve the unknown values using circle properties	69.1	63.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	86.6	78.4	79.3
9SS1 (L2)	Solve the unknown values using circle properties	70.0	57.8	57.3
9SS1 (L2)	Solve the unknown values using circle properties	83.4	76.5	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	49.3	39.2	42.8
9SP4 (L3)	Identify a potential problem in given case study	92.4	87.1	88.0



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

School #: 350 St. John Bosco School, St. John's

Outcome(s) Cognitive Level	Outcome Description	School [N=22]	Region [N=2,955]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	31.8	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	50.0	72.3	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	40.9	66.0	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	54.6	65.9	66.9
9N3 (L3)	Compare and order rational numbers	59.1	76.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	72.7	53.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	59.1	70.4	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	63.6	78.4	78.5
9PR1 (L3)	Extrapolate a linear relation	81.8	93.3	93.8
PPR1 (L2)	Identify graph for a linear equation	68.2	60.9	61.4
9PR5 (L1)	Identify the expression for a given polynomial	68.2	81.0	82.0
9PR6 (L2)	Simplify a polynomial expression	59.1	74.6	75.5
9PR6 (L2)	Simplify a polynomial expression	77.3	81.9	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	45.5	67.9	68.7
9PR3 (L2)	Solve a linear equation	59.1	57.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	50.0	43.3	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	81.8	86.3	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	54.6	70.1	71.2
9SS1 (L2)	Solve the unknown values using circle properties	63.6	76.9	77.3
9SS1 (L2)	Solve the unknown values using circle properties	54.6	63.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	77.3	78.4	79.3
9SS1 (L2)	Solve the unknown values using circle properties	45.5	57.8	57.3
9SS1 (L2)	Solve the unknown values using circle properties	72.7	76.5	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	22.7	39.2	42.8
9SP4 (L3)	Identify a potential problem in given case study	86.4	87.1	88.0



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

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

Outcome(s) Cognitive Level	Outcome Description	School [N=98]	Region [N=2,955]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	53.1	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	69.4	72.3	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	62.2	66.0	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	58.2	65.9	66.9
9N3 (L3)	Compare and order rational numbers	72.5	76.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	41.8	53.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	68.4	70.4	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	79.6	78.4	78.5
9PR1 (L3)	Extrapolate a linear relation	89.8	93.3	93.8
PPR1 (L2)	Identify graph for a linear equation	69.4	60.9	61.4
9PR5 (L1)	Identify the expression for a given polynomial	75.5	81.0	82.0
9PR6 (L2)	Simplify a polynomial expression	75.5	74.6	75.5
9PR6 (L2)	Simplify a polynomial expression	83.7	81.9	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	66.3	67.9	68.7
9PR3 (L2)	Solve a linear equation	51.0	57.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	32.7	43.3	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	91.8	86.3	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	74.5	70.1	71.2
9SS1 (L2)	Solve the unknown values using circle properties	81.6	76.9	77.3
9SS1 (L2)	Solve the unknown values using circle properties	58.2	63.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	80.6	78.4	79.3
9SS1 (L2)	Solve the unknown values using circle properties	49.0	57.8	57.3
9SS1 (L2)	Solve the unknown values using circle properties	74.5	76.5	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	25.5	39.2	42.8
9SP4 (L3)	Identify a potential problem in given case study	84.7	87.1	88.0



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

School #: 359 St. Paul's Junior High, St. John's

Outcome(s) Cognitive Level	Outcome Description	School [N=137]	Region [N=2,955]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	51.8	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	79.6	72.3	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	75.9	66.0	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	68.6	65.9	66.9
9N3 (L3)	Compare and order rational numbers	81.0	76.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	59.1	53.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	81.0	70.4	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	78.8	78.4	78.5
9PR1 (L3)	Extrapolate a linear relation	94.9	93.3	93.8
PPR1 (L2)	Identify graph for a linear equation	68.6	60.9	61.4
9PR5 (L1)	Identify the expression for a given polynomial	83.2	81.0	82.0
9PR6 (L2)	Simplify a polynomial expression	83.2	74.6	75.5
9PR6 (L2)	Simplify a polynomial expression	92.0	81.9	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	58.4	67.9	68.7
9PR3 (L2)	Solve a linear equation	61.3	57.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	47.5	43.3	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	93.4	86.3	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	83.2	70.1	71.2
9SS1 (L2)	Solve the unknown values using circle properties	87.6	76.9	77.3
9SS1 (L2)	Solve the unknown values using circle properties	67.9	63.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	88.3	78.4	79.3
9SS1 (L2)	Solve the unknown values using circle properties	68.6	57.8	57.3
9SS1 (L2)	Solve the unknown values using circle properties	81.0	76.5	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	43.8	39.2	42.8
9SP4 (L3)	Identify a potential problem in given case study	93.4	87.1	88.0



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

School #: 368 Holy Trinity High, Torbay

Outcome(s) Cognitive Level	Outcome Description	School [N=122]	Region [N=2,955]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	70.3	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	76.0	72.3	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	66.9	66.0	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	73.6	65.9	66.9
9N3 (L3)	Compare and order rational numbers	76.0	76.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	61.2	53.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	71.9	70.4	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	80.2	78.4	78.5
9PR1 (L3)	Extrapolate a linear relation	94.2	93.3	93.8
PPR1 (L2)	Identify graph for a linear equation	57.9	60.9	61.4
9PR5 (L1)	Identify the expression for a given polynomial	79.3	81.0	82.0
9PR6 (L2)	Simplify a polynomial expression	71.9	74.6	75.5
9PR6 (L2)	Simplify a polynomial expression	77.7	81.9	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	57.9	67.9	68.7
9PR3 (L2)	Solve a linear equation	51.2	57.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	37.2	43.3	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	88.4	86.3	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	66.1	70.1	71.2
9SS1 (L2)	Solve the unknown values using circle properties	77.7	76.9	77.3
9SS1 (L2)	Solve the unknown values using circle properties	53.7	63.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	81.8	78.4	79.3
9SS1 (L2)	Solve the unknown values using circle properties	59.5	57.8	57.3
9SS1 (L2)	Solve the unknown values using circle properties	82.6	76.5	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	54.2	39.2	42.8
9SP4 (L3)	Identify a potential problem in given case study	94.2	87.1	88.0



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

School #: 370 Stella Maris Academy, Trepassey

9N1 (L1) 9N1 (L1) 9N2 (L2)				
9N1 (L1) 9N1 (L1)				
9N1 (L1)	Evaluate powers with rational number bases	School data with 5 or fewer	57.5	58.4
,	Evaluate powers with rational number bases	students	72.3	71.7
	Apply the laws of exponents to simplify expressions involving powers	withheld for	66.0	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	reasons of	65.9	66.9
9N3 (L3)	Compare and order rational numbers	confidentiality.	76.8	77.3
9N4 (L1)	Identify order of operations of rational numbers		53.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number		70.4	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph		78.4	78.5
9PR1 (L3)	Extrapolate a linear relation		93.3	93.8
PPR1 (L2)	Identify graph for a linear equation		60.9	61.4
9PR5 (L1)	Identify the expression for a given polynomial		81.0	82.0
9PR6 (L2)	Simplify a polynomial expression		74.6	75.5
9PR6 (L2)	Simplify a polynomial expression		81.9	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial		67.9	68.7
9PR3 (L2)	Solve a linear equation		57.7	58.4
9PR4 (L2)	Solve and represent a linear inequality		43.3	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry		86.3	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry		70.1	71.2
9SS1 (L2)	Solve the unknown values using circle properties		76.9	77.3
9SS1 (L2)	Solve the unknown values using circle properties		63.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties		78.4	79.3
9SS1 (L2)	Solve the unknown values using circle properties		57.8	57.3
9SS1 (L2)	Solve the unknown values using circle properties		76.5	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability		39.2	42.8
9SP4 (L3)	Identify a potential problem in given case study		87.1	88.0



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

School #: 427 Holy Name of Mary Academy, Lawn

Outcome(s) Cognitive Level	Outcome Description	School [N=5]	Region [N=2,955]	Province [N=4,979]
Number				
9N1 (L1)	Evaluate powers with rational number bases	School data with 5 or fewer	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	students	72.3	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	withheld for	66.0	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	reasons of	65.9	66.9
9N3 (L3)	Compare and order rational numbers	confidentiality.	76.8	77.3
9N4 (L1)	Identify order of operations of rational numbers		53.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number		70.4	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph		78.4	78.5
9PR1 (L3)	Extrapolate a linear relation		93.3	93.8
PPR1 (L2)	Identify graph for a linear equation		60.9	61.4
9PR5 (L1)	Identify the expression for a given polynomial		81.0	82.0
9PR6 (L2)	Simplify a polynomial expression		74.6	75.5
9PR6 (L2)	Simplify a polynomial expression		81.9	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial		67.9	68.7
9PR3 (L2)	Solve a linear equation		57.7	58.4
9PR4 (L2)	Solve and represent a linear inequality		43.3	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry		86.3	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry		70.1	71.2
9SS1 (L2)	Solve the unknown values using circle properties		76.9	77.3
9SS1 (L2)	Solve the unknown values using circle properties		63.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties		78.4	79.3
9SS1 (L2)	Solve the unknown values using circle properties		57.8	57.3
9SS1 (L2)	Solve the unknown values using circle properties		76.5	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability		39.2	42.8
9SP4 (L1)	Identify a potential problem in given case study		87.1	88.0
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(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

School #: 428 Clarenville Middle School, Clarenville

Outcome(s) Cognitive Level	Outcome Description	School [N=104]	Region [N=2,955]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	50.0	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	62.5	72.3	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	54.8	66.0	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	61.5	65.9	66.9
9N3 (L3)	Compare and order rational numbers	79.8	76.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	56.7	53.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	64.4	70.4	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	78.9	78.4	78.5
9PR1 (L3)	Extrapolate a linear relation	96.2	93.3	93.8
PPR1 (L2)	Identify graph for a linear equation	58.7	60.9	61.4
9PR5 (L1)	Identify the expression for a given polynomial	86.5	81.0	82.0
9PR6 (L2)	Simplify a polynomial expression	74.0	74.6	75.5
9PR6 (L2)	Simplify a polynomial expression	80.8	81.9	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	84.6	67.9	68.7
9PR3 (L2)	Solve a linear equation	57.7	57.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	33.7	43.3	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	88.5	86.3	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	84.6	70.1	71.2
9SS1 (L2)	Solve the unknown values using circle properties	77.9	76.9	77.3
9SS1 (L2)	Solve the unknown values using circle properties	73.1	63.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	71.2	78.4	79.3
9SS1 (L2)	Solve the unknown values using circle properties	58.7	57.8	57.3
9SS1 (L2)	Solve the unknown values using circle properties	76.0	76.5	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	27.9	39.2	42.8
9SP4 (L3)	Identify a potential problem in given case study	80.8	87.1	88.0



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

School #: 430 St. Mark's School, King's Cove

Outcome(s) Cognitive Level	Outcome Description	School [N=8]	Region [N=2,955]	Province [N=4,979
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	100.0	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	100.0	72.3	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	100.0	66.0	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	100.0	65.9	66.9
9N3 (L3)	Compare and order rational numbers	100.0	76.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	75.0	53.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	75.0	70.4	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	87.5	78.4	78.5
9PR1 (L3)	Extrapolate a linear relation	100.0	93.3	93.8
PPR1 (L2)	Identify graph for a linear equation	50.0	60.9	61.4
9PR5 (L1)	Identify the expression for a given polynomial	87.5	81.0	82.0
9PR6 (L2)	Simplify a polynomial expression	62.5	74.6	75.5
9PR6 (L2)	Simplify a polynomial expression	100.0	81.9	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	87.5	67.9	68.7
9PR3 (L2)	Solve a linear equation	50.0	57.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	37.5	43.3	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	100.0	86.3	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	62.5	70.1	71.2
9SS1 (L2)	Solve the unknown values using circle properties	100.0	76.9	77.3
9SS1 (L2)	Solve the unknown values using circle properties	75.0	63.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	87.5	78.4	79.3
9SS1 (L2)	Solve the unknown values using circle properties	75.0	57.8	57.3
9SS1 (L2)	Solve the unknown values using circle properties	75.0	76.5	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	50.0	39.2	42.8
9SP4 (L3)	Identify a potential problem in given case study	100.0	87.1	88.0



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

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

Outcome(s) Cognitive Level	Outcome Description	School [N=3]	Region [N=2,955]	Province [N=4,979]
<u>Number</u>		School data		
9N1 (L1)	Evaluate powers with rational number bases	with 5 or fewer	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	students	72.3	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	withheld for	66.0	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	reasons of confidentiality.	65.9	66.9
9N3 (L3)	Compare and order rational numbers	confidentiality.	76.8	77.3
9N4 (L1)	Identify order of operations of rational numbers		53.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	•	70.4	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph		78.4	78.5
9PR1 (L3)	Extrapolate a linear relation	•	93.3	93.8
PPR1 (L2)	Identify graph for a linear equation		60.9	61.4
9PR5 (L1)	Identify the expression for a given polynomial		81.0	82.0
9PR6 (L2)	Simplify a polynomial expression		74.6	75.5
9PR6 (L2)	Simplify a polynomial expression		81.9	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial		67.9	68.7
9PR3 (L2)	Solve a linear equation		57.7	58.4
9PR4 (L2)	Solve and represent a linear inequality		43.3	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry		86.3	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry		70.1	71.2
9SS1 (L2)	Solve the unknown values using circle properties		76.9	77.3
9SS1 (L2)	Solve the unknown values using circle properties		63.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties		78.4	79.3
9SS1 (L2)	Solve the unknown values using circle properties		57.8	57.3
9SS1 (L2)	Solve the unknown values using circle properties	•	76.5	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability		39.2	42.8
9SP4 (L3)	Identify a potential problem in given case study		87.1	88.0



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

School #: 447 Baltimore School Complex, Ferryland

Outcome(s) Cognitive Level	Outcome Description	School [N=18]	Region [N=2,955]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	72.2	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	72.2	72.3	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	55.6	66.0	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	50.0	65.9	66.9
9N3 (L3)	Compare and order rational numbers	50.0	76.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	44.4	53.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	66.7	70.4	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	72.2	78.4	78.5
9PR1 (L3)	Extrapolate a linear relation	94.4	93.3	93.8
PPR1 (L2)	Identify graph for a linear equation	50.0	60.9	61.4
9PR5 (L1)	Identify the expression for a given polynomial	83.3	81.0	82.0
9PR6 (L2)	Simplify a polynomial expression	72.2	74.6	75.5
9PR6 (L2)	Simplify a polynomial expression	66.7	81.9	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	66.7	67.9	68.7
9PR3 (L2)	Solve a linear equation	38.9	57.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	38.9	43.3	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	72.2	86.3	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	44.4	70.1	71.2
9SS1 (L2)	Solve the unknown values using circle properties	61.1	76.9	77.3
9SS1 (L2)	Solve the unknown values using circle properties	50.0	63.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	72.2	78.4	79.3
9SS1 (L2)	Solve the unknown values using circle properties	50.0	57.8	57.3
9SS1 (L2)	Solve the unknown values using circle properties	77.8	76.5	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	33.3	39.2	42.8
9SP4 (L3)	Identify a potential problem in given case study	83.3	87.1	88.0



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

School #: 464 Crescent Collegiate, Blaketown

Outcome(s) Cognitive Level	Outcome Description	School [N=80]	Region [N=2,955]	Provinc [N=4,979
Number				
9N1 (L1)	Evaluate powers with rational number bases	63.8	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	66.3	72.3	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	52.5	66.0	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	65.0	65.9	66.9
9N3 (L3)	Compare and order rational numbers	67.5	76.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	41.3	53.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	68.8	70.4	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	80.0	78.4	78.5
9PR1 (L3)	Extrapolate a linear relation	91.3	93.3	93.8
PPR1 (L2)	Identify graph for a linear equation	72.5	60.9	61.4
9PR5 (L1)	Identify the expression for a given polynomial	77.5	81.0	82.0
9PR6 (L2)	Simplify a polynomial expression	72.5	74.6	75.5
9PR6 (L2)	Simplify a polynomial expression	72.5	81.9	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	45.0	67.9	68.7
9PR3 (L2)	Solve a linear equation	45.0	57.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	36.3	43.3	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	80.0	86.3	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	65.0	70.1	71.2
9SS1 (L2)	Solve the unknown values using circle properties	80.0	76.9	77.3
9SS1 (L2)	Solve the unknown values using circle properties	56.3	63.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	86.3	78.4	79.3
9SS1 (L2)	Solve the unknown values using circle properties	51.3	57.8	57.3
9SS1 (L2)	Solve the unknown values using circle properties	70.0	76.5	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	28.8	39.2	42.8
9SP4 (L3)	Identify a potential problem in given case study	87.5	87.1	88.0



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

School #: 465 Holy Cross Junior High, St. John's

Outcome(s) Cognitive Level	Outcome Description	School [N=50]	Region [N=2,955]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	32.0	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	42.0	72.3	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	26.0	66.0	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	36.0	65.9	66.9
9N3 (L3)	Compare and order rational numbers	64.0	76.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	30.0	53.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	42.0	70.4	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	60.0	78.4	78.5
9PR1 (L3)	Extrapolate a linear relation	90.0	93.3	93.8
PPR1 (L2)	Identify graph for a linear equation	58.0	60.9	61.4
9PR5 (L1)	Identify the expression for a given polynomial	52.0	81.0	82.0
9PR6 (L2)	Simplify a polynomial expression	50.0	74.6	75.5
9PR6 (L2)	Simplify a polynomial expression	54.0	81.9	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	54.0	67.9	68.7
9PR3 (L2)	Solve a linear equation	26.0	57.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	20.0	43.3	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	70.0	86.3	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	52.0	70.1	71.2
9SS1 (L2)	Solve the unknown values using circle properties	50.0	76.9	77.3
9SS1 (L2)	Solve the unknown values using circle properties	42.0	63.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	50.0	78.4	79.3
9SS1 (L2)	Solve the unknown values using circle properties	28.0	57.8	57.3
9SS1 (L2)	Solve the unknown values using circle properties	48.0	76.5	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	38.0	39.2	42.8
9SP4 (L3)	Identify a potential problem in given case study	66.0	87.1	88.0



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

School #: 471 Heritage Collegiate, Lethbridge

Outcome(s) Cognitive Level	Outcome Description	School [N=25]	Region [N=2,955]	Province [N=4,979
Number				
9N1 (L1)	Evaluate powers with rational number bases	36.0	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	44.0	72.3	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	48.0	66.0	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	64.0	65.9	66.9
9N3 (L3)	Compare and order rational numbers	68.0	76.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	24.0	53.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	76.0	70.4	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	56.0	78.4	78.5
9PR1 (L3)	Extrapolate a linear relation	84.0	93.3	93.8
PPR1 (L2)	Identify graph for a linear equation	36.0	60.9	61.4
9PR5 (L1)	Identify the expression for a given polynomial	44.0	81.0	82.0
9PR6 (L2)	Simplify a polynomial expression	64.0	74.6	75.5
9PR6 (L2)	Simplify a polynomial expression	64.0	81.9	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	64.0	67.9	68.7
9PR3 (L2)	Solve a linear equation	56.0	57.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	24.0	43.3	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	80.0	86.3	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	64.0	70.1	71.2
9SS1 (L2)	Solve the unknown values using circle properties	84.0	76.9	77.3
9SS1 (L2)	Solve the unknown values using circle properties	64.0	63.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	60.0	78.4	79.3
9SS1 (L2)	Solve the unknown values using circle properties	48.0	57.8	57.3
9SS1 (L2)	Solve the unknown values using circle properties	64.0	76.5	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	40.0	39.2	42.8
9SP4 (L3)	Identify a potential problem in given case study	92.0	87.1	88.0



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

School #: 476 Baccalieu Collegiate, Old Perlican

Outcome(s) Cognitive Level	Outcome Description	School [N=28]	Region [N=2,955]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	85.7	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	78.6	72.3	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	96.4	66.0	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	96.4	65.9	66.9
9N3 (L3)	Compare and order rational numbers	85.7	76.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	89.3	53.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	71.4	70.4	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	85.7	78.4	78.5
9PR1 (L3)	Extrapolate a linear relation	96.4	93.3	93.8
PPR1 (L2)	Identify graph for a linear equation	39.3	60.9	61.4
9PR5 (L1)	Identify the expression for a given polynomial	96.4	81.0	82.0
9PR6 (L2)	Simplify a polynomial expression	85.7	74.6	75.5
9PR6 (L2)	Simplify a polynomial expression	89.3	81.9	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	82.1	67.9	68.7
9PR3 (L2)	Solve a linear equation	71.4	57.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	57.1	43.3	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	92.9	86.3	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	71.4	70.1	71.2
9SS1 (L2)	Solve the unknown values using circle properties	71.4	76.9	77.3
9SS1 (L2)	Solve the unknown values using circle properties	60.7	63.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	89.3	78.4	79.3
9SS1 (L2)	Solve the unknown values using circle properties	64.3	57.8	57.3
9SS1 (L2)	Solve the unknown values using circle properties	64.3	76.5	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	25.0	39.2	42.8
9SP4 (L3)	Identify a potential problem in given case study	96.4	87.1	88.0



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

School #: 924 Tricentia Academy, Arnold's Cove

Outcome(s) Cognitive Level	Outcome Description	School [N=25]	Region [N=2,955]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	60.0	57.5	58.4
9N1 (L1)	Evaluate powers with rational number bases	72.0	72.3	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	52.0	66.0	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	68.0	65.9	66.9
9N3 (L3)	Compare and order rational numbers	84.0	76.8	77.3
9N4 (L1)	Identify order of operations of rational numbers	56.0	53.7	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	64.0	70.4	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	76.0	78.4	78.5
9PR1 (L3)	Extrapolate a linear relation	100.0	93.3	93.8
PPR1 (L2)	Identify graph for a linear equation	60.0	60.9	61.4
9PR5 (L1)	Identify the expression for a given polynomial	88.0	81.0	82.0
9PR6 (L2)	Simplify a polynomial expression	76.0	74.6	75.5
9PR6 (L2)	Simplify a polynomial expression	88.0	81.9	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	100.0	67.9	68.7
9PR3 (L2)	Solve a linear equation	64.0	57.7	58.4
9PR4 (L2)	Solve and represent a linear inequality	56.0	43.3	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	92.0	86.3	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	44.0	70.1	71.2
9SS1 (L2)	Solve the unknown values using circle properties	88.0	76.9	77.3
9SS1 (L2)	Solve the unknown values using circle properties	72.0	63.5	65.0
9SS1 (L2)	Solve the unknown values using circle properties	92.0	78.4	79.3
9SS1 (L2)	Solve the unknown values using circle properties	60.0	57.8	57.3
9SS1 (L2)	Solve the unknown values using circle properties	92.0	76.5	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	60.0	39.2	42.8
9SP4 (L3)	Identify a potential problem in given case study	92.0	87.1	88.0



(Item Analysis: % of content answered correctly)

District 5 - Conseil scolaire francophone

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

Number 9N1 (L1) Evaluate powers with rational number bases 9N1 (L1) Evaluate powers with rational number bases 9N2 (L2) Apply the laws of exponents to simplify expressions involving powers 9N2 (L2) Apply the laws of exponents to simplify expressions involving powers 9N3 (L3) Compare and order rational numbers 9N4 (L1) Identify order of operations of rational numbers 9N5 (L3) Estimate the square root of a rational, perfect square number	26.7 53.3 53.3 53.3 73.3 66.7 66.7 73.3 100.0 53.3 73.3	42.1 63.2 63.2 63.2 79.0 52.6 73.7	58.4 71.7 67.7 66.9 77.3 52.1 72.0
9N1 (L1) Evaluate powers with rational number bases 9N2 (L2) Apply the laws of exponents to simplify expressions involving powers 9N2 (L2) Apply the laws of exponents to simplify expressions involving powers 9N3 (L3) Compare and order rational numbers 9N4 (L1) Identify order of operations of rational numbers 9N5 (L3) Estimate the square root of a rational, perfect square number Patterns and Relations 9PR2 (L1) Match a linear relation with its corresponding graph 9PR1 (L3) Extrapolate a linear relation PPR1 (L2) Identify graph for a linear equation 9PR5 (L1) Identify the expression for a given polynomial 9PR6 (L2) Simplify a polynomial expression 9PR7 (L2) Identify the model of division of a polynomial by a monomial 9PR3 (L2) Solve a linear equation 9PR4 (L2) Solve and represent a linear inequality Shape and Space 9SS5 (L2) Complete a 2-D shape using a line of symmetry 9SS5 (L1) Determine the angle and order of rotational symmetry	53.3 53.3 53.3 73.3 66.7 66.7 73.3 100.0 53.3	63.2 63.2 63.2 79.0 52.6 73.7	71.7 67.7 66.9 77.3 52.1 72.0
9N2 (L2) Apply the laws of exponents to simplify expressions involving powers 9N2 (L2) Apply the laws of exponents to simplify expressions involving powers 9N3 (L3) Compare and order rational numbers 9N4 (L1) Identify order of operations of rational numbers 9N5 (L3) Estimate the square root of a rational, perfect square number Patterns and Relations PPR2 (L1) Match a linear relation with its corresponding graph 9PR1 (L3) Extrapolate a linear relation PPR1 (L2) Identify graph for a linear equation 9PR5 (L1) Identify the expression for a given polynomial 9PR6 (L2) Simplify a polynomial expression 9PR6 (L2) Simplify a polynomial expression 9PR7 (L2) Identify the model of division of a polynomial by a monomial 9PR3 (L2) Solve a linear equation 9PR4 (L2) Solve and represent a linear inequality Shape and Space 9SS5 (L2) Complete a 2-D shape using a line of symmetry 9SS5 (L1) Determine the angle and order of rotational symmetry	53.3 53.3 73.3 66.7 66.7 73.3 100.0 53.3	63.2 63.2 79.0 52.6 73.7	67.7 66.9 77.3 52.1 72.0
9N2 (L2) Apply the laws of exponents to simplify expressions involving powers 9N3 (L3) Compare and order rational numbers 9N4 (L1) Identify order of operations of rational numbers 9N5 (L3) Estimate the square root of a rational, perfect square number Patterns and Relations 9PR2 (L1) Match a linear relation with its corresponding graph 9PR1 (L3) Extrapolate a linear relation PPR1 (L2) Identify graph for a linear equation 9PR5 (L1) Identify the expression for a given polynomial 9PR6 (L2) Simplify a polynomial expression 9PR6 (L2) Simplify a polynomial expression 9PR7 (L2) Identify the model of division of a polynomial by a monomial 9PR3 (L2) Solve a linear equation 9PR4 (L2) Solve and represent a linear inequality Shape and Space 9SS5 (L2) Complete a 2-D shape using a line of symmetry 9SS5 (L1) Determine the angle and order of rotational symmetry	53.3 73.3 66.7 66.7 73.3 100.0 53.3	79.0 52.6 73.7 79.0 100.0	66.9 77.3 52.1 72.0
9N3 (L3) Compare and order rational numbers 9N4 (L1) 9N5 (L3) Estimate the square root of a rational, perfect square number Patterns and Relations 9PR2 (L1) Match a linear relation with its corresponding graph 9PR1 (L3) Extrapolate a linear relation PPR1 (L2) Identify graph for a linear equation 9PR5 (L1) Identify the expression for a given polynomial 9PR6 (L2) Simplify a polynomial expression 9PR7 (L2) Identify the model of division of a polynomial by a monomial 9PR3 (L2) Solve a linear equation 9PR4 (L2) Solve and represent a linear inequality Shape and Space 9SS5 (L2) Complete a 2-D shape using a line of symmetry 9SS5 (L1) Determine the angle and order of rotational symmetry	73.3 66.7 66.7 73.3 100.0 53.3	79.0 52.6 73.7 79.0 100.0	77.3 52.1 72.0
9N4 (L1) Identify order of operations of rational numbers 9N5 (L3) Estimate the square root of a rational, perfect square number Patterns and Relations 9PR2 (L1) Match a linear relation with its corresponding graph 9PR1 (L3) Extrapolate a linear relation PPR1 (L2) Identify graph for a linear equation 9PR5 (L1) Identify the expression for a given polynomial 9PR6 (L2) Simplify a polynomial expression 9PR6 (L2) Simplify a polynomial expression 9PR7 (L2) Identify the model of division of a polynomial by a monomial 9PR3 (L2) Solve a linear equation 9PR4 (L2) Solve and represent a linear inequality Shape and Space 9SS5 (L2) Complete a 2-D shape using a line of symmetry 9SS5 (L1) Determine the angle and order of rotational symmetry	66.7 66.7 73.3 100.0 53.3	79.0 100.0	52.1 72.0
9N5 (L3) Estimate the square root of a rational, perfect square number Patterns and Relations 9PR2 (L1) Match a linear relation with its corresponding graph 9PR1 (L3) Extrapolate a linear relation PPR1 (L2) Identify graph for a linear equation 9PR5 (L1) Identify the expression for a given polynomial 9PR6 (L2) Simplify a polynomial expression 9PR6 (L2) Simplify a polynomial expression 9PR7 (L2) Identify the model of division of a polynomial by a monomial 9PR3 (L2) Solve a linear equation 9PR4 (L2) Solve and represent a linear inequality Shape and Space 9SS5 (L2) Complete a 2-D shape using a line of symmetry 9SS5 (L1) Determine the angle and order of rotational symmetry	73.3 100.0 53.3	73.7 79.0 100.0	72.0 78.5
Patterns and Relations PR2 (L1) Match a linear relation with its corresponding graph PR1 (L3) Extrapolate a linear relation PR1 (L2) Identify graph for a linear equation PR5 (L1) Identify the expression for a given polynomial PR6 (L2) Simplify a polynomial expression PR7 (L2) Identify the model of division of a polynomial by a monomial PR7 (L2) Identify the model of division of a polynomial by a monomial PR3 (L2) Solve a linear equation PR4 (L2) Solve and represent a linear inequality Shape and Space PS5 (L2) Complete a 2-D shape using a line of symmetry Determine the angle and order of rotational symmetry	73.3 100.0 53.3	79.0 100.0	78.5
9PR2 (L1) Match a linear relation with its corresponding graph 9PR1 (L3) Extrapolate a linear relation PPR1 (L2) Identify graph for a linear equation 9PR5 (L1) Identify the expression for a given polynomial 9PR6 (L2) Simplify a polynomial expression 9PR6 (L2) Simplify a polynomial expression 9PR7 (L2) Identify the model of division of a polynomial by a monomial 9PR3 (L2) Solve a linear equation 9PR4 (L2) Solve and represent a linear inequality Shape and Space 9SS5 (L2) Complete a 2-D shape using a line of symmetry 9SS5 (L1) Determine the angle and order of rotational symmetry	100.0 53.3	100.0	_
9PR1 (L3) Extrapolate a linear relation PPR1 (L2) Identify graph for a linear equation 9PR5 (L1) Identify the expression for a given polynomial 9PR6 (L2) Simplify a polynomial expression 9PR6 (L2) Simplify a polynomial expression 9PR7 (L2) Identify the model of division of a polynomial by a monomial 9PR3 (L2) Solve a linear equation 9PR4 (L2) Solve and represent a linear inequality Shape and Space 9SS5 (L2) Complete a 2-D shape using a line of symmetry 9SS5 (L1) Determine the angle and order of rotational symmetry	100.0 53.3	100.0	_
9PR1 (L3) Extrapolate a linear relation PPR1 (L2) Identify graph for a linear equation 9PR5 (L1) Identify the expression for a given polynomial 9PR6 (L2) Simplify a polynomial expression 9PR6 (L2) Simplify a polynomial expression 9PR7 (L2) Identify the model of division of a polynomial by a monomial 9PR3 (L2) Solve a linear equation 9PR4 (L2) Solve and represent a linear inequality Shape and Space 9SS5 (L2) Complete a 2-D shape using a line of symmetry 9SS5 (L1) Determine the angle and order of rotational symmetry	53.3		93.8
9PR5 (L1) Identify the expression for a given polynomial 9PR6 (L2) Simplify a polynomial expression 9PR6 (L2) Simplify a polynomial expression 9PR7 (L2) Identify the model of division of a polynomial by a monomial 9PR3 (L2) Solve a linear equation 9PR4 (L2) Solve and represent a linear inequality Shape and Space 9SS5 (L2) Complete a 2-D shape using a line of symmetry 9SS5 (L1) Determine the angle and order of rotational symmetry			
9PR6 (L2) Simplify a polynomial expression 9PR6 (L2) Simplify a polynomial expression 9PR7 (L2) Identify the model of division of a polynomial by a monomial 9PR3 (L2) Solve a linear equation 9PR4 (L2) Solve and represent a linear inequality Shape and Space 9SS5 (L2) Complete a 2-D shape using a line of symmetry 9SS5 (L1) Determine the angle and order of rotational symmetry	73.3	52.6	61.4
9PR6 (L2) 9PR7 (L2) Identify the model of division of a polynomial by a monomial 9PR3 (L2) Solve a linear equation 9PR4 (L2) Solve and represent a linear inequality Shape and Space 9SS5 (L2) Complete a 2-D shape using a line of symmetry 9SS5 (L1) Determine the angle and order of rotational symmetry		79.0	82.0
9PR7 (L2) Identify the model of division of a polynomial by a monomial 9PR3 (L2) Solve a linear equation 9PR4 (L2) Solve and represent a linear inequality Shape and Space 9SS5 (L2) Complete a 2-D shape using a line of symmetry 9SS5 (L1) Determine the angle and order of rotational symmetry	80.0	73.7	75.5
9PR3 (L2) Solve a linear equation 9PR4 (L2) Solve and represent a linear inequality Shape and Space 9SS5 (L2) Complete a 2-D shape using a line of symmetry 9SS5 (L1) Determine the angle and order of rotational symmetry	86.7	89.5	81.4
9PR4 (L2) Solve and represent a linear inequality Shape and Space 9SS5 (L2) Complete a 2-D shape using a line of symmetry 9SS5 (L1) Determine the angle and order of rotational symmetry	80.0	68.4	68.7
Shape and Space 9SS5 (L2) Complete a 2-D shape using a line of symmetry 9SS5 (L1) Determine the angle and order of rotational symmetry	53.3	57.9	58.4
9SS5 (L2) Complete a 2-D shape using a line of symmetry 9SS5 (L1) Determine the angle and order of rotational symmetry	33.3	42.1	42.2
9SS5 (L1) Determine the angle and order of rotational symmetry			
9SS5 (L1) Determine the angle and order of rotational symmetry	93.3	79.0	85.8
· · · · · · · · · · · · · · · · · · ·	46.7	57.9	71.2
	73.3	68.4	77.3
9SS1 (L2) Solve the unknown values using circle properties	60.0	68.4	65.0
9SS1 (L2) Solve the unknown values using circle properties	73.3	73.7	79.3
9SS1 (L2) Solve the unknown values using circle properties	40.0	47.4	57.3
9SS1 (L2) Solve the unknown values using circle properties	86.7	79.0	77.5
Statistics and Probability			
9SP4 (L1) Identify the type of probability	20.0	26.3	42.8
9SP4 (L3) Identify a potential problem in given case study	73.3	73.7	88.0
	7 5.5		1



(Item Analysis: % of content answered correctly)

District 5 - Conseil scolaire francophone

School #: 460 École des Grands-Vents, St. John's

Outcome(s) Cognitive Level	Outcome Description	School [N=4]	Region [N=19]	Province [N=4,979]
Number		School data		
9N1 (L1)	Evaluate powers with rational number bases	with 5 or fewer	42.1	58.4
9N1 (L1)	Evaluate powers with rational number bases	students	63.2	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	withheld for	63.2	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	reasons of confidentiality.	63.2	66.9
9N3 (L3)	Compare and order rational numbers	cornidentiality.	79.0	77.3
9N4 (L1)	Identify order of operations of rational numbers		52.6	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number		73.7	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph		79.0	78.5
9PR1 (L3)	Extrapolate a linear relation		100.0	93.8
PPR1 (L2)	Identify graph for a linear equation		52.6	61.4
9PR5 (L1)	Identify the expression for a given polynomial		79.0	82.0
9PR6 (L2)	Simplify a polynomial expression		73.7	75.5
9PR6 (L2)	Simplify a polynomial expression		89.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial		68.4	68.7
9PR3 (L2)	Solve a linear equation		57.9	58.4
9PR4 (L2)	Solve and represent a linear inequality		42.1	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry		79.0	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry		57.9	71.2
9SS1 (L2)	Solve the unknown values using circle properties		68.4	77.3
9SS1 (L2)	Solve the unknown values using circle properties		68.4	65.0
9SS1 (L2)	Solve the unknown values using circle properties		73.7	79.3
9SS1 (L2)	Solve the unknown values using circle properties		47.4	57.3
9SS1 (L2)	Solve the unknown values using circle properties		79.0	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability		26.3	42.8
9SP4 (L3)	Identify a potential problem in given case study		73.7	88.0



(Item Analysis: % of content answered correctly)

District 803 - Private

School #: 373 First Baptist Academy, Mount Pearl

Outcome(s) Cognitive Level	Outcome Description	School [N=4]	Region [N=44]	Province [N=4,979]
Number		School data		
9N1 (L1)	Evaluate powers with rational number bases	with 5 or fewer	77.3	58.4
9N1 (L1)	Evaluate powers with rational number bases	students	86.4	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	withheld for	86.4	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	reasons of confidentiality.	84.1	66.9
9N3 (L3)	Compare and order rational numbers	cornidentiality.	90.9	77.3
9N4 (L1)	Identify order of operations of rational numbers		70.5	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number		77.3	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph		88.6	78.5
9PR1 (L3)	Extrapolate a linear relation		100.0	93.8
PPR1 (L2)	Identify graph for a linear equation		70.5	61.4
9PR5 (L1)	Identify the expression for a given polynomial		88.6	82.0
9PR6 (L2)	Simplify a polynomial expression		93.2	75.5
9PR6 (L2)	Simplify a polynomial expression		95.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial		59.1	68.7
9PR3 (L2)	Solve a linear equation		84.1	58.4
9PR4 (L2)	Solve and represent a linear inequality		47.7	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry		90.9	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry		90.9	71.2
9SS1 (L2)	Solve the unknown values using circle properties		86.4	77.3
9SS1 (L2)	Solve the unknown values using circle properties		75.0	65.0
9SS1 (L2)	Solve the unknown values using circle properties		97.7	79.3
9SS1 (L2)	Solve the unknown values using circle properties		86.4	57.3
9SS1 (L2)	Solve the unknown values using circle properties		86.4	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability		56.8	42.8
9SP4 (L3)	Identify a potential problem in given case study		93.2	88.0



(Item Analysis: % of content answered correctly)

District 803 - Private

School #: 450 St. Bonaventure's College, St. John's

Outcome(s) Cognitive Level	Outcome Description	School [N=27]	Region [N=44]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	66.7	77.3	58.4
9N1 (L1)	Evaluate powers with rational number bases	77.8	86.4	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	85.2	86.4	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	74.1	84.1	66.9
9N3 (L3)	Compare and order rational numbers	92.6	90.9	77.3
9N4 (L1)	Identify order of operations of rational numbers	63.0	70.5	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	81.5	77.3	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	85.2	88.6	78.5
9PR1 (L3)	Extrapolate a linear relation	100.0	100.0	93.8
PPR1 (L2)	Identify graph for a linear equation	63.0	70.5	61.4
9PR5 (L1)	Identify the expression for a given polynomial	85.2	88.6	82.0
9PR6 (L2)	Simplify a polynomial expression	92.6	93.2	75.5
9PR6 (L2)	Simplify a polynomial expression	96.3	95.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	51.9	59.1	68.7
9PR3 (L2)	Solve a linear equation	81.5	84.1	58.4
9PR4 (L2)	Solve and represent a linear inequality	40.7	47.7	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	88.9	90.9	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	88.9	90.9	71.2
9SS1 (L2)	Solve the unknown values using circle properties	92.6	86.4	77.3
9SS1 (L2)	Solve the unknown values using circle properties	70.4	75.0	65.0
9SS1 (L2)	Solve the unknown values using circle properties	96.3	97.7	79.3
9SS1 (L2)	Solve the unknown values using circle properties	88.9	86.4	57.3
9SS1 (L2)	Solve the unknown values using circle properties	92.6	86.4	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	59.3	56.8	42.8
9SP4 (L3)	Identify a potential problem in given case study	100.0	93.2	88.0



(Item Analysis: % of content answered correctly)

District 803 - Private

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

Outcome(s) Cognitive Level	Outcome Description	School [N=12]	Region [N=44]	Province [N=4,979]
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	91.7	77.3	58.4
9N1 (L1)	Evaluate powers with rational number bases	100.0	86.4	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	83.3	86.4	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	100.0	84.1	66.9
9N3 (L3)	Compare and order rational numbers	83.3	90.9	77.3
9N4 (L1)	Identify order of operations of rational numbers	91.7	70.5	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	66.7	77.3	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	100.0	88.6	78.5
9PR1 (L3)	Extrapolate a linear relation	100.0	100.0	93.8
PPR1 (L2)	Identify graph for a linear equation	83.3	70.5	61.4
9PR5 (L1)	Identify the expression for a given polynomial	100.0	88.6	82.0
9PR6 (L2)	Simplify a polynomial expression	91.7	93.2	75.5
9PR6 (L2)	Simplify a polynomial expression	100.0	95.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	83.3	59.1	68.7
9PR3 (L2)	Solve a linear equation	91.7	84.1	58.4
9PR4 (L2)	Solve and represent a linear inequality	58.3	47.7	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	100.0	90.9	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	100.0	90.9	71.2
9SS1 (L2)	Solve the unknown values using circle properties	83.3	86.4	77.3
9SS1 (L2)	Solve the unknown values using circle properties	83.3	75.0	65.0
9SS1 (L2)	Solve the unknown values using circle properties	100.0	97.7	79.3
9SS1 (L2)	Solve the unknown values using circle properties	100.0	86.4	57.3
9SS1 (L2)	Solve the unknown values using circle properties	100.0	86.4	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	41.7	56.8	42.8
9SP4 (L3)	Identify a potential problem in given case study	100.0	93.2	88.0



(Item Analysis: % of content answered correctly)

District 803 - Private

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

Grades: K-10

Outcome(s) Cognitive Level	Outcome Description	School [N=1]	Region [N=44]	Province [N=4,979]
Number		School data		
9N1 (L1)	Evaluate powers with rational number bases	with 5 or fewer	77.3	58.4
9N1 (L1)	Evaluate powers with rational number bases	students	86.4	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	withheld for	86.4	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	reasons of confidentiality.	84.1	66.9
9N3 (L3)	Compare and order rational numbers	cornidentiality.	90.9	77.3
9N4 (L1)	Identify order of operations of rational numbers		70.5	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number		77.3	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph		88.6	78.5
9PR1 (L3)	Extrapolate a linear relation		100.0	93.8
PPR1 (L2)	Identify graph for a linear equation		70.5	61.4
9PR5 (L1)	Identify the expression for a given polynomial		88.6	82.0
9PR6 (L2)	Simplify a polynomial expression		93.2	75.5
9PR6 (L2)	Simplify a polynomial expression		95.5	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial		59.1	68.7
9PR3 (L2)	Solve a linear equation		84.1	58.4
9PR4 (L2)	Solve and represent a linear inequality		47.7	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry		90.9	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry		90.9	71.2
9SS1 (L2)	Solve the unknown values using circle properties	[86.4	77.3
9SS1 (L2)	Solve the unknown values using circle properties		75.0	65.0
9SS1 (L2)	Solve the unknown values using circle properties		97.7	79.3
9SS1 (L2)	Solve the unknown values using circle properties		86.4	57.3
9SS1 (L2)	Solve the unknown values using circle properties		86.4	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability		56.8	42.8
9SP4 (L3)	Identify a potential problem in given case study		93.2	88.0

Source: Division of Evaluation and Research, Department of Education and Early Childhood Development



(Item Analysis: % of content answered correctly)

District 804 - Native Federal

School #: 018 Sheshatshiu Innu School, Sheshatshiu

Outcome(s) Cognitive Level	Outcome Description	School [N=3]	Region [N=7]	Province [N=4,979]
<u>Number</u>		School data		
9N1 (L1)	Evaluate powers with rational number bases	with 5 or fewer	57.1	58.4
9N1 (L1)	Evaluate powers with rational number bases	students	57.1	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	withheld for	57.1	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	reasons of confidentiality.	57.1	66.9
9N3 (L3)	Compare and order rational numbers	cornidentiality.	42.9	77.3
9N4 (L1)	Identify order of operations of rational numbers		42.9	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number		71.4	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph		71.4	78.5
9PR1 (L3)	Extrapolate a linear relation		71.4	93.8
PPR1 (L2)	Identify graph for a linear equation		71.4	61.4
9PR5 (L1)	Identify the expression for a given polynomial		85.7	82.0
9PR6 (L2)	Simplify a polynomial expression		57.1	75.5
9PR6 (L2)	Simplify a polynomial expression		57.1	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial		71.4	68.7
9PR3 (L2)	Solve a linear equation		42.9	58.4
9PR4 (L2)	Solve and represent a linear inequality		28.6	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry		57.1	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry		42.9	71.2
9SS1 (L2)	Solve the unknown values using circle properties	[71.4	77.3
9SS1 (L2)	Solve the unknown values using circle properties		57.1	65.0
9SS1 (L2)	Solve the unknown values using circle properties		57.1	79.3
9SS1 (L2)	Solve the unknown values using circle properties		42.9	57.3
9SS1 (L2)	Solve the unknown values using circle properties		42.9	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability		14.3	42.8
9SP4 (L3)	Identify a potential problem in given case study		57.1	88.0



(Item Analysis: % of content answered correctly)

District 804 - Native Federal

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

Outcome(s) Cognitive Level	Outcome Description	School [N=7]	Region [N=7]	Provinc [N=4,979
<u>Number</u>				
9N1 (L1)	Evaluate powers with rational number bases	57.1	57.1	58.4
9N1 (L1)	Evaluate powers with rational number bases	57.1	57.1	71.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	57.1	57.1	67.7
9N2 (L2)	Apply the laws of exponents to simplify expressions involving powers	57.1	57.1	66.9
9N3 (L3)	Compare and order rational numbers	42.9	42.9	77.3
9N4 (L1)	Identify order of operations of rational numbers	42.9	42.9	52.1
9N5 (L3)	Estimate the square root of a rational, perfect square number	71.4	71.4	72.0
Patterns and Relations				
9PR2 (L1)	Match a linear relation with its corresponding graph	71.4	71.4	78.5
9PR1 (L3)	Extrapolate a linear relation	71.4	71.4	93.8
PPR1 (L2)	Identify graph for a linear equation	71.4	71.4	61.4
9PR5 (L1)	Identify the expression for a given polynomial	85.7	85.7	82.0
9PR6 (L2)	Simplify a polynomial expression	57.1	57.1	75.5
9PR6 (L2)	Simplify a polynomial expression	57.1	57.1	81.4
9PR7 (L2)	Identify the model of division of a polynomial by a monomial	71.4	71.4	68.7
9PR3 (L2)	Solve a linear equation	42.9	42.9	58.4
9PR4 (L2)	Solve and represent a linear inequality	28.6	28.6	42.2
Shape and Space				
9SS5 (L2)	Complete a 2-D shape using a line of symmetry	57.1	57.1	85.8
9SS5 (L1)	Determine the angle and order of rotational symmetry	42.9	42.9	71.2
9SS1 (L2)	Solve the unknown values using circle properties	71.4	71.4	77.3
9SS1 (L2)	Solve the unknown values using circle properties	57.1	57.1	65.0
9SS1 (L2)	Solve the unknown values using circle properties	57.1	57.1	79.3
9SS1 (L2)	Solve the unknown values using circle properties	42.9	42.9	57.3
9SS1 (L2)	Solve the unknown values using circle properties	42.9	42.9	77.5
Statistics and Probability				
9SP4 (L1)	Identify the type of probability	14.3	14.3	42.8
9SP4 (L3)	Identify a potential problem in given case study	57.1	57.1	88.0