



Key Topics by Grade with Atlantic Canada Mathematics Curriculum SCOs



Level 3

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| 1. Place Value to 10,000 | 3-SCOA1
3-SCOA4
3-SCOA5
3-SCOA6 |
| 2. Multi-Digit Addition | 3-SCOB4
3-SCOB6 |
| 3. Multi-Digit Subtraction | 3-SCOB4
3-SCOB6 |
| 4. Multiplication by a Single Digit | 3-SCOB1
3-SCOB5
3-SCOB7 |
| 5. Division by a Single Digit | 3-SCOB2
3-SCOB3
3-SCOB5
3-SCOB8 |
| 6. Geometry–Identifying Shapes | 3-SCOE4
4-SCOE7 |
| 7. Basic Fractions | 3-SCOA3
4-SCOA5 |

Level 4

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| 1. Place Value to 1,000,000 | 4-SCOA3
4-SCOA4
5-SCOA1 |
| 2. Multi-Digit Multiplication | 5-SCOB3 |
| 3. Long Division w/Single Digit Divisor | 4-SCOB5
4-SCOB10 |
| 4. Geometry–Area and Perimeter | 4-SCOD9
4-SCOD11
5-SCOD5 |
| 5. Algebra–Find the Missing Number or Sign | 3-SCOC5
4-SCOC6 |
| 6. Add/Subtract Fractions w/Like Denominators | 4-SCOA6
4-SCOB6 |
| 7. Basic Decimals–Add/Subtract Decimals | 3-SCOA7
3-SCOA8
4-SCOA2
4-SCOA7
4-SCOB1 |

Level 5

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| 1. Graphing Coordinates | 5-SCOC9
6-SCOC6 |
| 2. Long Division w/Multi-Digit Divisors | 5-SCOB4 |
| 3. Multiply/Divide Decimals | 5-SCOB5
5-SCOB6
6-SCOB2
6-SCOB4 |
| 4. Geometry–Area of Parallelograms and Triangles | 6-SCOD7 |
| 5. Add/Subtract Integers | 7-SCOB3 |
| 6. Add/Subtract Fractions w/Unlike Denominators | 6-SCOB5 |
| 7. Decimals, Fractions, and Percents | 6-SCOA2
6-SCOA5
7-SCOA10 |

Level 6

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| 1. Factoring Numbers, GCF, and LCM | 6-SCOA10
7-SCOA4
7-SCOA5 |
| 2. Geometry–Circumference/Area of a Circle | 7-SCOD5 |
| 3. Add/Subtract Mixed Numbers | 7-SCOA7
8-SCOB5 |
| 4. Ratios and Proportions | 6-SCOA3
6-SCOA4
8-SCOA9 |
| 5. Multiply/Divide Integers | 7-SCOB3 |
| 6. Algebra–Solve One-Step Equations | 7-SCOC4 |
| 7. Compare/Order Fractions, Decimals, and Integers | 7-SCOA9
7-SCOA13 |

Level 7 Pre-Algebra

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| 1. Order of Operations | 7-SCOB5
9-SCOB3 |
| 2. Multiply/Divide Fractions | 8-SCOB7
8-SCOB8 |
| 3. Powers, Exponents, and Roots | 7-SCOA1
7-SCOA2
8-SCOA5 |
| 4. Algebra–Solve Two-Step Equations | 7-SCOC4
8-SCOC6 |
| 5. Graphing Using the Slope Formula | 8-SCOC4 |
| 6. Simplifying Fractions w/Variables | 9-SCOB9 |
| 7. Pythagorean Theorem and Right Triangles | 8-SCOD9 |

Level 8 Algebra I

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|---------------------------------------|------------------------------------|
| 1. Algebra–Solve Multi-Step Equations | 9-SCOC6 |
| 2. Add/Subtract Polynomials | 10-SCOB3 |
| 3. Multiply/Divide Polynomials | 9-SCOB11
9-SCOB12
10-SCOB3 |
| 4. FOIL | 9-SCOB11
10-SCOB3 |
| 5. Factoring Polynomials | 9-SCOB9
10-SCOC26 |
| 6. Graph Linear Equations | 10-SCOC33 |
| 7. Quadratic Formula | 10-SCOA5
10-SCOC26
10-SCOC27 |