



Key Topics by Grade with Oregon Grade-Level Standards



3rd Grade

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| 1. Place Value to 10,000 | M.03.1.A.1(1)
M.03.1.A.1(2)
M.03.1.A.1(3) |
| 2. Multi-Digit Addition | M.03.1.B.1(2) |
| 3. Multi-Digit Subtraction | M.03.1.B.1(2) |
| 4. Multiplication by a Single Digit | M.03.1.B.1(3)
M.03.1.B.1(4)
M.04.1.B.1(3) |
| 5. Division by a Single Digit | M.03.1.B.1(3) |
| 6. Geometry—Identifying Shapes | M.01.5.A.1(1)
M.02.5.A.1(1) |
| 7. Basic Fractions | M.03.1.A.1(5) |

4th Grade

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|---|--------------------------------|
| 1. Place Value to 1,000,000 | M.04.1.A.1(1)
M.04.1.A.1(2) |
| 2. Multi-Digit Multiplication | M.04.1.B.1(1) |
| 3. Long Division w/Single Digit Divisor | M.04.1.B.1(4)
M.04.1.B.1(5) |
| 4. Geometry—Area and Perimeter | M.04.4.B.1(10) |
| 5. Algebra—Find the Missing Number or Sign | M.04.3.B.1(1)
M.04.3.B.1(2) |
| 6. Add/Subtract Fractions w/Like Denominators | M.04.1.B.1(6) |
| 7. Basic Decimals—Add/Subtract Decimals | M.04.1.A.1(1)
M.04.1.B.1(7) |

5th Grade

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| 1. Graphing Coordinates | M.04.5.B.1(1)
M.04.5.C.1(1) |
| 2. Long Division w/Multi-Digit Divisors | M.05.1.B.1(2) |
| 3. Multiply/Divide Decimals | M.05.1.B.1(5) |
| 4. Geometry—Area of Parallelograms and Triangles | M.04.5.A.1(2)
M.05.4.B.1(4) |
| 5. Add/Subtract Integers | M.07.1.B.1(1) |
| 6. Add/Subtract Fractions w/Unlike Denominators | M.06.1.B.1(2) |
| 7. Decimals, Fractions, and Percents | M.05.1.A.1(1) |

6th Grade

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| 1. Factoring Numbers, GCF, and LCM | M.07.1.A.1(6)
M.07.1.A.1(7) |
| 2. Geometry—Circumference/Area of a Circle | M.06.4.B.1(4) |
| 3. Add/Subtract Mixed Numbers | M.06.1.B.1(1) |
| 4. Ratios and Proportions | M.06.1.A.1(3)
M.08.1.A.1(2) |
| 5. Multiply/Divide Integers | M.07.1.B.1(1) |
| 6. Algebra—Solve One-Step Equations | M.05.3.B.1(2)
M.07.3.B.1(1) |
| 7. Compare/Order Fractions, Decimals, and Integers | M.07.1.A.1(4) |

7th Grade

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| 1. Order of Operations | M.06.1.B.1(6)
M.07.1.B.1(5) |
| 2. Multiply/Divide Fractions | M.07.1.B.1(2) |
| 3. Powers, Exponents, and Roots | M.CIM.1.B.1(2) |
| 4. Algebra—Solve Two-Step Equations | M.08.3.B.1(1) |
| 5. Graphing Using the Slope Formula | M.08.3.B.1(6)
M.08.3.D.1(2)
M.CIM.5.C.1(2) |
| 6. Simplifying Fractions w/Variables | M.08.3.B.1(3) |
| 7. Pythagorean Theorem and Right Triangles | M.08.5.A.1(5) |

8th Grade

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|---------------------------------------|----------------------------------|
| 1. Algebra—Solve Multi-Step Equations | M.08.3.B.1(1) |
| 2. Add/Subtract Polynomials | M.08.3.B.1(3) |
| 3. Multiply/Divide Polynomials | M.08.3.B.1(3) |
| 4. FOIL | M.08.3.B.1(3) |
| 5. Factoring Polynomials | M.08.3.B.1(3) |
| 6. Graph Linear Equations | M.07.3.B.1(4) |
| 7. Quadratic Formula | M.CIM.3.B.1(1)
M.CIM.3.B.1(5) |