



Key Topics by Grade with Ohio Grade-Level Indicators



3rd Grade

- 1. Place Value to \square 10,000 \square 3.1.2a \square 3.1.2b
- 2. Multi-Digit Addition \square 3.1.12
- 3. Multi-Digit \square Subtraction \square 3.1.12
- 4. Multiplication by a \square Single Digit \square 3.1.13 \square 3.1.14
- 5. Division by a \square Single Digit \square 3.1.13
- 6. Geometry- \square Identifying Shapes \square 4.3.3
- 7. Basic Fractions \square 3.1.5

4th Grade

- 1. Place Value to \square 1,000,000 \square 4.1.2
- 2. Multi-Digit \square Multiplication \square 4.1.14
- 3. Long Division \square w/Single Digit \square Divisor \square 4.1.14
- 4. Geometry- \square Perimeter and \square Area \square 4.2.2 \square 4.2.4
- 5. Algebra-Find the \square Missing Number \square or Sign \square 5.1.10
- 6. Add/Subtract \square Fractions w/Like \square Denominators \square 3.4.5
- 7. Basic Decimals- \square Add/Subtract \square Decimals \square 4.1.1a \square 4.1.2

5th Grade

- 1. Graphing \square Coordinates \square 5.3.6
- 2. Long Division \square w/Multi-Digit \square Divisors \square 4.1.14
- 3. Multiply/Divide \square Decimals \square 6.1.12
- 4. Geometry-Area of \square Parallelograms and \square Triangles \square 5.2.6
- 5. Add/Subtract \square Integers \square 6.1.7
- 6. Add/Subtract \square Fractions w/Unlike \square Denominators \square 5.1.12
- 7. Decimals, Fractions, \square and Percents \square 5.1.3

6th Grade

- 1. Factoring Numbers, \square GCF, and LCM \square 6.1.2
- 2. Geometry- \square Circumference/Area \square of a Circle \square 6.2.2
- 3. Add/Subtract Mixed \square Numbers \square \square 5.1.12
- 4. Ratios and \square Proportions \square 6.1.9 \square 6.1.14
- 5. Multiply/Divide \square Integers \square 7.1.5
- 6. Algebra-Solve \square One-Step Equations \square 6.4.4
- 7. Compare/Order \square Fractions, Decimals, \square and Integers \square 7.1.4

7th Grade

- 1. Order of Operations \square 7.1.4
- 2. Multiply/Divide \square Fractions \square 6.1.8
- 3. Powers, Exponents, \square and Roots \square 6.1.1
- 4. Algebra-Solve \square Two-Step Equations \square 6.4.4
- 5. Graphing Using the \square Slope Formula \square 7.4.10 \square 8.4.13
- 6. Simplifying \square Fractions w/Variables \square 9.4.12
- 7. Pythagorean \square Theorem and Right \square Triangles \square 7.3.2a

8th Grade

- 1. Algebra-Solve \square Multi-Step Equations \square 8.4.9
- 2. Add/Subtract \square Polynomials \square 9.4.11
- 3. Multiply/Divide \square Polynomials \square 9.4.11
- 4. FOIL \square 9.4.11
- 5. Factoring \square Polynomials \square 9.4.11
- 6. Graph Linear \square Equations \square 8.4.6
- 7. Quadratic Formula \square 9.4.10