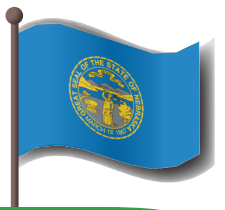


Key Topics by Grade with Nebraska Mathematics Standards



3rd Grade

- | | |
|-------------------------------------|----------------|
| 1. Place Value to 10,000 | 4.1.1
4.1.2 |
| 2. Multi-Digit Addition | 4.2.1 |
| 3. Multi-Digit Subtraction | 4.2.1 |
| 4. Multiplication by a Single Digit | 4.2.1 |
| 5. Division by a Single Digit | 4.2.1 |
| 6. Geometry—Identifying Shapes | 4.4.1
4.4.2 |
| 7. Basic Fractions | 4.1.2 |

4th Grade

- | | |
|---|-------------------------|
| 1. Place Value to 1,000,000 | 4.1.1-3 |
| 2. Multi-Digit Multiplication | 4.2.1 |
| 3. Long Division w/Single Digit Divisor | 4.2.1 |
| 4. Geometry—Area and Perimeter | 4.3.2
8.4.3 |
| 5. Algebra—Find the Missing Number or Sign | 4.6.1 |
| 6. Add/Subtract Fractions w/Like Denominators | 4.2.3 |
| 7. Basic Decimals—Add/Subtract Decimals | 4.1.2
4.1.3
4.2.2 |

5th Grade

- | | |
|--|-------|
| 1. Graphing Coordinates | 8.6.1 |
| 2. Long Division w/Multi-Digit Divisors | 8.2.3 |
| 3. Multiply/Divide Decimals | 8.2.1 |
| 4. Geometry—Area of Parallelograms and Triangles | 8.4.3 |
| 5. Add/Subtract Integers | 8.2.3 |
| 6. Add/Subtract Fractions w/Unlike Denominators | 8.2.1 |
| 7. Decimals, Fractions, and Percents | 8.1.2 |

6th Grade

- | | |
|--|----------------|
| 1. Factoring Numbers, GCF, and LCM | 8.1.4 |
| 2. Geometry—Circumference/Area of a Circle | 8.4.3 |
| 3. Add/Subtract Mixed Numbers | 8.2.1 |
| 4. Ratios and Proportions | 8.2.3 |
| 5. Multiply/Divide Integers | 8.2.3 |
| 6. Algebra—Solve One-Step Equations | 8.6.2 |
| 7. Compare/Order Fractions, Decimals, and Integers | 8.1.1
8.6.1 |

7th Grade

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|--|--------|
| 1. Order of Operations | 8.2.4 |
| 2. Multiply/Divide Fractions | 8.2.1 |
| 3. Powers, Exponents, and Roots | 8.1.3 |
| 4. Algebra—Solve Two-Step Equations | 8.6.2 |
| 5. Graphing Using the Slope Formula | 12.6.1 |
| 6. Simplifying Fractions w/Variables | 8.6.2 |
| 7. Pythagorean Theorem and Right Triangles | 8.4.2 |

8th Grade

- | | |
|---------------------------------------|--------|
| 1. Algebra—Solve Multi-Step Equations | 8.6.2 |
| 2. Add/Subtract Polynomials | 8.6.2 |
| 3. Multiply/Divide Polynomials | 8.6.2 |
| 4. FOIL | 8.6.2 |
| 5. Factoring Polynomials | 8.6.2 |
| 6. Graph Linear Equations | 8.6.1 |
| 7. Quadratic Formula | 12.6.2 |