

601 Pre-Algebra

Whole Numbers

- 1.1 Introduction to Whole Numbers
- 1.2 Add Whole Numbers
- 1.3 Subtract Whole Numbers
- 1.4 Multiply Whole Numbers
- 1.5 Divide Whole Numbers

The Language of Algebra

- 2.1 Use the Language of Algebra
- 2.2 Evaluate, Simplify, and Translate Expressions
- 2.3 Solving Equations Using the Subtraction and Addition Properties of Equality
- 2.4 Find Multiples and Factors
- 2.5 Prime Factorization and the Least Common Multiple

Integers

- 3.1 Introduction to Integers
- 3.2 Add Integers
- 3.3 Subtract Integers
- 3.4 Multiply and Divide Integers
- 3.5 Solve Equations Using Integers; The Division Property of Equality

Fractions

- 4.1 Visualize Fractions
- 4.2 Multiply and Divide Fractions
- 4.3 Multiply and Divide Mixed Numbers and Complex Fractions
- 4.4 Add and Subtract Fractions with Common Denominators
- 4.5 Add and Subtract Fractions with Different Denominators
- 4.6 Add and Subtract Mixed Numbers
- 4.7 Solve Equations with Fractions

Decimals

- 5.1 Decimals
- 5.2 Decimal Operations
- 5.3 Decimals and Fractions

- 5.4 Solve Equations with Decimals
- 5.5 Averages and Probability
- 5.6 Ratios and Rate
- 5.7 Simplify and Use Square Roots

Percents

- 6.1 Understand Percent
- 6.2 Solve General Applications of Percent
- 6.3 Solve Sales Tax, Commission, and Discount Applications
- 6.4 Solve Simple Interest Applications
- 6.5 Solve Proportions and their Applications

The Properties of Real Numbers

- 7.1 Rational and Irrational Numbers
- 7.2 Commutative and Associative Properties
- 7.3 Distributive Property
- 7.4 Properties of Identity, Inverses, and Zero
- 7.5 Systems of Measurement