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PRE-ALGEBRA

Grade Level: 9, 10, 11, 12

Credit: 0.5 or 1.0

Prerequisite: None

Pre-algebra is an introductory course that prepares students for Algebra I. It includes study of variables and expressions, algebraic properties, like terms, integer operations, fraction operations, decimals, number line analysis, solving equations, ratios & proportions, percent, and application of formulas. Study includes both math theory and real-life application of concepts. Appropriate technology, including calculators and application software, is used regularly for instruction and assessment.

Pre-Algebra Lessons

Teacher Message

Lesson 1: Variables and Expressions

Lesson 2: Evaluating Expressions

Lesson 3: Properties Used in Algebra

Lesson 4: Simplifying and Combining Like Terms

Lesson 5: Integers and Adding Integers

Lesson 6: Subtracting Integers

Lesson 7: Multiplying and Dividing Integers

Lesson 8: Integer Review

Lesson 9: Adding and Subtracting Fractions

Lesson 10: Multiplying and Dividing Fractions



Lesson 11: Fraction Review

Lesson 12: Decimals

Lesson 13: Number Line Revisited

Lesson 14: Equations

Lesson 15: Solving Equations by Using Addition

Lesson 16: Solving Equations Using Subtraction

Lesson 17: Solving Equations Using Multiplication

Lesson 18: Solving Equations Using More Than One Operation

Lesson 19: Solving Equations with the Variable on Both Sides

Lesson 20: More Equations

Lesson 21: Equation Review

Lesson 22: Ratios and Proportions

Lesson 23: Percent

Lesson 24: Percent of Change

Lesson 25: Formulas

