

Algebra 1A Map

This is a one semester course which earns $\frac{1}{2}$ credit of math. This class is the first half of the Algebra 1 sequence. Successful completion of this course allows students to take Algebra 1B.

1. Chapter 1 Equations
 - 1.1. Variables and Expressions
 - 1.2. Solving Equations by Adding or Subtracting
 - 1.3. Solving Equations by Multiplying or Dividing
 - 1.4. Solving Two-Step and Multi-Step Equations
 - 1.5. Solving Equations with Variables on Both Sides
 - 1.6. Solving for a Variable
 - 1.7. Solving Absolute-Value Equations
 - 1.8. Rates, Ratios, and Proportions
 - 1.9. Applications of Proportions
 - 1.10. Precision and Accuracy

2. Chapter 2 Inequalities
 - 2.1. Graphing and Writing Inequalities
 - 2.2. Solving Inequalities by Adding or Subtracting
 - 2.3. Solving Inequalities by Multiplying or Dividing
 - 2.4. Solving Two-Step and Multi-Step Inequalities
 - 2.5. Solving Inequalities with Variables on Both Sides
 - 2.6. Solving Compound Inequalities
 - 2.7. Solving Absolute-Value Inequalities

3. Chapter 3 Functions
 - 3.1. Graphing Relationships
 - 3.2. Relations and Functions
 - 3.3. Writing Functions
 - 3.4. Graphing Functions
 - 3.5. Scatter Plots and Trend Lines
 - 3.6. Arithmetic Sequences

4. Chapter 4 Linear Functions
 - 4.1. Identifying Linear Functions
 - 4.2. Using Intercepts
 - 4.3. Rate of Change and Slope
 - 4.4. The Slope Formula
 - 4.5. Direct Variation

Algebra 1A Map

- 4.6. Slope-Intercept Form
 - 4.7. Point-Slope Form
 - 4.8. Line of Best Fit
 - 4.9. Slopes of Parallel and Perpendicular Lines
 - 4.10. Transforming Linear Functions
-
- 5. Chapter 5 Systems of Equations and Inequalities
 - 5.1. Solving Systems by Graphing
 - 5.2. Solving Systems by Substitution
 - 5.3. Solving Systems by Elimination
 - 5.4. Solving Special Systems
 - 5.5. Solving Linear Inequalities
 - 5.6. Solving Systems of Linear Inequalities