

701 Introductory Algebra for 6-9 Graders

Chapter 0: Pre-Algebra

- 0.1 Integers
- 0.2 Fractions
- 0.3 Order of Operations
- 0.4 Properties of Algebra

Chapter 1: Solving Linear Equations

- 1.1 One-Step Equations
- 1.2 Two-Step Equations
- 1.3 General Linear Equations
- 1.4 Solving with Fractions
- 1.5 Formulas
- 1.6 Absolute Value Equations
- 1.7 Variation
- 1.8 Application: Number/Geometry.64
- 1.9 Application: Age
- 1.10 Application: Distance

Chapter 2: Graphing

- 2.1 Points and Lines
- 2.2 Slope
- 2.3 Slope-Intercept Form
- 2.4 Point-Slope Form
- 2.5 Parallel & Perpendicular Lines

Chapter 3: Inequalities

- 3.1 Solve and Graph Inequalities
- 3.2 Compound Inequalities
- 3.3 Absolute Value Inequalities

Chapter 4: Systems of Equations

- 4.1 Graphing
- 4.2 Substitution
- 4.3 Addition/Elimination
- 4.4 Three Variables
- 4.5 Application: Value Problems
- 4.6 Application: Mixture Problems

Chapter 5: Polynomials

- 5.1 Exponent Properties
- 5.2 Negative Exponents
- 5.3 Scientific Notation
- 5.4 Introduction to Polynomials
- 5.5 Multiply Polynomials
- 5.6 Multiply Special Products
- 5.7 Divide Polynomials