

702 Introductory Algebra for 6-9 Graders

Chapter 6: Factoring

- 6.1 Greatest Common Factor
- 6.2 Grouping
- 6.3 Trinomials where $a = 1$
- 6.4 Trinomials where $a \neq 1$
- 6.5 Factoring Special Products
- 6.6 Factoring Strategy
- 6.7 Solve by Factoring

Chapter 7: Rational Expressions

- 7.1 Reduce Rational Expressions
- 7.2 Multiply and Divide
- 7.3 Least Common Denominator
- 7.4 Add and Subtract
- 7.5 Complex Fractions
- 7.6 Proportions
- 7.7 Solving Rational Equations
- 7.8 Application: Dimensional Analysis

Chapter 8: Radicals

- 8.1 Square Roots
- 8.2 Higher Roots
- 8.3 Adding Radicals
- 8.4 Multiply and Divide Radicals
- 8.5 Rationalize Denominators
- 8.6 Rational Exponents
- 8.7 Radicals of Mixed Index
- 8.8 Complex Numbers

Chapter 9: Quadratics

- 9.1 Solving with Radicals
- 9.2 Solving with Exponents
- 9.3 Complete the Square
- 9.4 Quadratic Formula
- 9.5 Build Quadratics From Roots
- 9.6 Quadratic in Form
- 9.7 Application: Rectangles
- 9.8 Application: Teamwork
- 9.9 Simultaneous Products
- 9.10 Application: Revenue and Distance

9.11 Graphs of Quadratics

Chapter 10: Functions

- 10.1 Function Notation
- 10.2 Operations on Functions
- 10.3 Inverse Functions
- 10.4 Exponential Functions
- 10.5 Logarithmic Functions
- 10.6 Application: Compound Interest
- 10.7 Trigonometric Functions
- 10.8 Inverse Trigonometric Functions