

● 0.1 - Orientation

■ Pre-Quiz (Optional)

● P.0 - Getting Ready (Optional)

■ P.1 Quiz (Optional)

● P.1 - Real Numbers and their Properties (Optional)

■ P.2 Quiz (Optional)

● P.2 - Integer Exponents and Scientific Notation (Optional)

■ P.3 Quiz (Optional)

● P.3 - Rational Exponents and Radicals (Optional)

■ P.4 Quiz (Optional)

● P.4 - Polynomials (Optional)

■ P.5 Quiz (Optional)

■ P.6 Quiz (Optional)

● P.6 - Rational Expressions (Optional)

■ P.7 Quiz (Optional)

● P.7 - Complex Numbers (Optional)

● 1.1 - Linear, Rational, and Absolute Value Equations

● 1.2 - Constructing Models to Solve Problems

● 1.3 - Equations and Graphs in Two Variables

● 1.4 - Linear Equations in Two Variables

● 1.5 - Quadratic Equations

● 1.6 - Miscellaneous Equations

● 1.7 - Linear and Absolute Value Inequalities

● 2.1 - Functions

● 2.2 - Graphs of Relations and Functions

● 2.3 - Basic Functions; Graphing by Shifting and Stretching them

● 2.4 - Operations with Functions

● 2.5 - Inverse Functions

● 2.6 - Variation

● 3.1 - Quadratic Equations and Inequalities

● 3.2 - Zeros of Polynomial Functions

● 3.3 - Theory of Equations

● 3.4 - Graphs of Polynomial Functions

● 3.5 - Rational Functions and Inequalities

8.4 - Permutations

8.5 - Combinations

7.1 - The Parabola

7.2 - Ellipses

7.3 - Hyperbolas

● 4.1 - Exponential Functions and their Applications

● 4.2 - Logarithmic Functions and their Applications

● 4.3 - Rules of Logarithms

● 4.4 - More Equations and Applications

● 5.1 - Systems of Linear Equations in Two Variables

● 5.2 - Systems of Linear Equations in 3 Variables

● 5.3 - Systems of Nonlinear Equations

● 5.5 - Systems of Linear Inequalities

● 8.1 - Infinite Sequences (OPTIONAL)

● 8.2 - Infinite Series (OPTIONAL)

● 8.3 - Geometric Series (OPTIONAL)

● 4.4 II - Extra Applications (OPTIONAL)

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