

Algebra 1 Keystone Graduation Lab Online Resources

Module 1

1.1 Operations

[Ordering Numbers](#)

[Greatest Common Factor](#)

[Least Common Multiple](#)

[Combining Like Terms](#)

[Exponent Rules \(part 1\)](#)

[Exponent Rules \(part 2\)](#)

[Simplifying Expressions with Exponents](#)

[Multiplying Polynomials](#)

[Factoring Difference of Squares](#)

[Simplifying Radicals](#)

1.2 Linear Equations and Systems

[Writing Expressions](#)

[Linear Equations](#)

[Linear Equation Word Problems](#)

[Systems of Equations with Elimination \(part 1\)](#)

[Systems of Equations with Elimination \(part 2\)](#)

[Systems of Equations with Substitution](#)

[Systems of Equations Word Problems](#)

1.3 Linear Inequalities and Systems of Inequalities

[Linear Inequalities](#)

[Graphs of Inequalities](#)

[Graphing Systems of Inequalities](#)

Module 2

2.1 Functions and Patterns

[Domain and Range](#)

[Identifying Points](#)

[Finding Equations of Lines from Tables](#)

2.2 Coordinate Geometry

[Slope of a Line](#)

[Solving for the y-intercept](#)

[Line Graph Intuition](#)

[Graphing Linear Equations](#)

[Graphing Linear Function to Solve Systems of Equations](#)

[Slope Intercept Form](#)

[Converting between Slope Intercept and Standard Form](#)

[Point Slope Form](#)

2.3 Probability and Data Analysis

[Probability](#)

[Probability \(part 2\)](#)

[Independent Probability](#)

[Stem and Leaf Plots](#)

[Mean, Median and Mode](#)

[Box and Whisker Plots](#)

