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Student Review Modules for STAAR Success
Algebra I

- **Solve Linear Equations & Inequalities in One Variable**

- **Calculate Slope and Rate of Change**

- **Graph Linear Functions**
  - Identify Key Features
  - Determine Domain and Range of Linear Functions

- **Transformation Linear Transformations**

- **Write Equations of Lines from Graphs & Tables**

- **Write Equations of Lines from Verbal Representations**

- **Write & Solve Equations Involving Direct Variations**

- **Write Linear Equations Given Point & Perpendicular/Parallel to a Given Line**
  - Write the Equation of the Line Parallel or Perpendicular to x or y-axis

- **Write Two-Variable Linear Inequalities**

- **Graph Linear Inequalities & Systems of Linear Inequalities**

- **Write Systems of Linear Equations**

- **Solve Systems of Linear Equations**

- **Write Linear Functions from Data**

- **Compare & Contrast Association & Causation**

- **Write Quadratic Functions**

- **Graph Quadratic Functions**
  - Identify Key Attributes
  - Determine Domain & Range
  - Describe the Relationship Between Linear Factors & Zeros

- **Transform Quadratic Functions**

- **Solve Quadratic Equations Using Graphs & Tables**

- **Solve Quadratic Equations Using Algebraic Methods**

- **Write Exponential Functions**
  - Interpret the Meaning of Values of A & B

- **Graph Exponential Functions & Identify Key Features**
  - Determine Domain & Range of Exponential Functions

- **Model with Quadratic & Exponential Functions**

- **Add, Subtract & Multiply polynomials**

- **Divide Polynomials**

- **Factor Polynomials**

- **Simplify Radical Expressions**

- **Simplify Expressions Using Laws of Exponents**

- **Determine Functions from Multiple Representations**

- **Evaluate Functions**

- **Solve Literal Equations**

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