



I Can...

Seeing Structure in Expressions

- rewrite expressions using operations (addition, subtraction or multiplication)
- Rewrite expressions using properties of exponents.

Arithmetic with Polynomials and Rational Expressions

- combine polynomials using operations.

Creating Equations

- create and solve linear equations and inequalities in one variable.
- create and graph a linear equation in two variables.

Reasoning with Equations and Inequalities

- explain how to solve an equation using inverse operations.
- solve a quadratic equation by utilizing an appropriate method (factoring, taking square roots, quadratic formula).
- solve a system of linear equations in two variables.
- graph an equation/function in one and two variables.

Interpreting Functions

- identify properties of functions and use them to graph a function (increasing/decreasing (slope), x- & y- intercepts, etc.)
- determine if an exponential function is growth or decay and explain why.

Building Functions

- write a formula for a sequence in recursive or explicit form.

Linear, Quadratic, and Exponential Models

- determine if a relationship is linear or non-linear using a table, equation and graph and explain why.