

Level A2 – Algebra 2

Evaluate expressions involving integers

Evaluate expressions involving rational numbers

Simplify variable expressions using properties

Solve linear equations

Solve linear equations: word problems

Solve absolute value equations

Graph solutions to absolute value equations

Solve multi-variable equations

Graph a linear inequality in one variable

Graph a linear inequality in the coordinate plane

Write inequalities from graphs

Domain and range

Identify functions

Evaluate functions

Is (x,y) a solution of the system of equations?

Solve a system of equations by graphing

Characteristics of quadratic functions

Complete a function table: quadratic functions

Polynomial vocabulary

Identify the direction a parabola opens

Find the center of a circle

Find the radius or diameter of a circle

Pythagorean Theorem and its converse