

SECTION 3.1: SOLVING QUADRATIC EQUATIONS

Homework: _____

Learning Targets:

- 3a. Understanding of how to solve quadratic equations using graphs, factoring, completing the square, and the Quadratic Formula.
- 3b. Understanding of the type of solutions for quadratic functions by looking at the graphs and the discriminant

Finding Solutions for Quadratic Functions by Graphing

Solutions for Quadratic Functions are called _____, _____, and solutions.

You can find them by locating where the intercept the _____ on a graph. Quadratic equations can have _____, _____, or _____ solutions.

Finding Solutions for Quadratic Functions by Taking the Square Root

When a quadratic equation only has an _____ and not a _____, you can solve by taking the square root.