

Name: _____ Date: _____ Period: _____

Solving Quadratic Functions

Solving a Quadratic Equation by Factoring :

Solving a Quadratic Equation by Completing the Square :

What are the *x-intercepts*?

(,), (,)

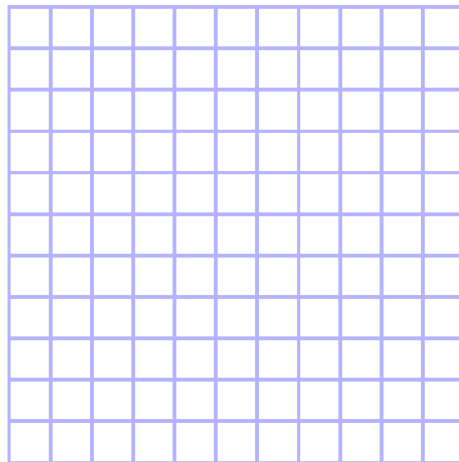
Solving a Quadratic Equation by Graphing :

What is the axis of symmetry?

What is the vertex? (,)

x | y

Get more points and use symmetry



$$x^2 + 2x - 8 = 0$$

Identify a , b , c

What is the *y-intercept*?

(,)

Solving a Quadratic Equation Using the Quadratic Formula :

Identify the Discriminant :

How many solutions are there?

What is the Quadratic Formula? Use it to solve the quadratic.