## Zeros of a Quadratic Function are values of x such that f(x) = 0

Given Quadratic Function

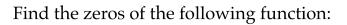


Create Quadratic Equation

Quadratic Equations can be solved by...

Find the zeros of the following function:

$$f(x) = x^2 + 6x - 16$$



$$f(x) = x^2 - 4x - 32$$

Find the zeros of the following function:

$$f(x) = 2x^2 - 16x - 32$$

Find the zeros of the following function:

$$f(x) = x^2 - \frac{2}{3}x - \frac{1}{3}$$

## Zeros of a Quadratic Function are values of x such that f(x) = 0

Given Quadratic Function

$$f(x) = ax^2 + bx + c$$



Create Quadratic Equation

$$0 = ax^2 + bx + c$$

Quadratic Equations can be solved by...

- 1. Factoring
- 2. Taking Square Root



- 3. Completing the Square
- 4. Quadratic Formula