Name _____
Date _____ Period _____

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:

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

$f(x) = x^2 - 8$

Find the zeros of the following function:

$f(x) = (x - 1)^2 - 4$

$f(x) = (2x + 3)^2 - 9$

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