



Quadratic Formula - Equation and Standard Form to A, B, C

1 What are the values of a, b, and c in the quadratic formula, given this equation and the standard form?

$$y = -5x^2 - 2x - 3$$

standard form:

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

A	B	C
$a = -2$	$a = -5$	$a = -3$
$b = -5$	$b = -2$	$b = -2$
$c = -3$	$c = -3$	$c = -5$

2 What are the values of a, b, and c in the quadratic formula, given this equation and the standard form?

$$y = 3x^2 + 4 + 2x$$

standard form:

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

A	B	C
$a = 2$	$a = 4$	$a = 3$
$b = 3$	$b = 2$	$b = 2$
$c = 4$	$c = 3$	$c = 4$

3 What are the values of a, b, and c in the quadratic formula, given this equation and the standard form?

$$y = +4x^2 + 2$$

standard form:

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

A	B	C
$a = 4$	$a = 0$	$a = 2$
$b = 0$	$b = 4$	$b = 0$
$c = 2$	$c = 2$	$c = 4$

4 What are the values of a, b, and c in the quadratic formula, given this equation and the standard form?

$$y = -3x - 4x^2 - 5$$

standard form:

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

A	B	C
$a = -4$	$a = -5$	$a = -3$
$b = -3$	$b = -3$	$b = -4$
$c = -5$	$c = -4$	$c = -5$

5 What are the values of a, b, and c in the quadratic formula, given this equation and the standard form?

$$y = -3x + x^2 + 4$$

standard form:

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

A	B	C
$a = -3$	$a = 4$	$a = 1$
$b = 1$	$b = -3$	$b = -3$
$c = 4$	$c = 1$	$c = 4$

6 What are the values of a, b, and c in the quadratic formula, given this equation and the standard form?

$$y = -5x^2 - 2 + 4x$$

standard form:

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

A	B	C
$a = -2$	$a = -5$	$a = 4$
$b = 4$	$b = 4$	$b = -5$
$c = -5$	$c = -2$	$c = -2$

7 What are the values of a, b, and c in the quadratic formula, given this equation and the standard form?

$$y = 3x - 4x^2 - 3$$

standard form:

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

A	B	C
$a = -4$	$a = -3$	$a = 3$
$b = 3$	$b = 3$	$b = -4$
$c = -3$	$c = -4$	$c = -3$

8 What are the values of a, b, and c in the quadratic formula, given this equation and the standard form?

$$y = 3x^2 + 4 - 3x$$

standard form:

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

A	B	C
$a = 3$	$a = 4$	$a = -3$
$b = -3$	$b = -3$	$b = 3$
$c = 4$	$c = 3$	$c = 4$