Name

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?

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

standard form:

$y = ax^2 + bx + c$

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

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

$y = -2x^2 - 1$

standard form:

$y = ax^2 + bx + c$

A	B	C
$a = 0$	$a = -2$	$a = -1$
$b = -2$	$b = 0$	$b = 0$
$c = -1$	$c = -1$	$c = -2$

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

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

standard form:

$y = ax^2 + bx + c$

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

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

$y = 4x^2 + 2x + 1$

standard form:

$y = ax^2 + bx + c$

A	B	C
$a = 2$	$a = 4$	$a = 1$
$b = 4$	$b = 2$	$b = 2$
$c = 1$	$c = 1$	$c = 4$

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

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

standard form:

$y = ax^2 + bx + c$

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

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

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

standard form:

$y = ax^2 + bx + c$

A	B	C
$a = -1$	$a = -5$	$a = -2$
$b = -2$	$b = -1$	$b = -1$
$c = -5$	$c = -2$	$c = -5$

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

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

standard form:

$y = ax^2 + bx + c$

A	B	C
$a = 4$	$a = 2$	$a = 1$
$b = 1$	$b = 1$	$b = 4$
$c = 2$	$c = 4$	$c = 2$

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

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

standard form:

$y = ax^2 + bx + c$

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