Name

Quadratic Formula - Equation to Integer Roots

1 What roots (solutions) would this quadratic equation have?

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

A	B	C	D
$x = -2$ $x = 5$	$x = 4$ $x = 5$	$x = -2$ $x = 1$	$x = 1$ $x = 0$

2 What roots (solutions) would this quadratic equation have?

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

A	B	C	D
$x = 4$ $x = 1$	$x = -2$ $x = -5$	$x = -5$ $x = 4$	$x = -3$ $x = 0$

3 What roots (solutions) would this quadratic equation have?

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

A	B	C	D
$x = 5$ $x = -1$	$x = 0$ $x = -3$	$x = -3$ $x = -4$	$x = -2$ $x = -4$

4 What roots (solutions) would this quadratic equation have?

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

A	B	C	D
$x = -1$ $x = 5$	$x = 3$ $x = 1$	$x = -6$ $x = 1$	$x = -4$ $x = -0$

5 What roots (solutions) would this quadratic equation have?

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

A	B	C	D
$x = 5$ $x = -6$	$x = -1$ $x = 1$	$x = 3$ $x = -5$	$x = -3$ $x = 3$

6 What roots (solutions) would this quadratic equation have?

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

A	B	C	D
$x = 1$ $x = -1$	$x = -6$ $x = -3$	$x = 3$ $x = 2$	$x = 3$ $x = -3$

7 What roots (solutions) would this quadratic equation have?

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

A	B	C	D
$x = -6$ $x = 2$	$x = -1$ $x = 2$	$x = -4$ $x = 2$	$x = -2$ $x = 2$

8 What roots (solutions) would this quadratic equation have?

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

A	B	C	D
$x = -6$ $x = -2$	$x = 3$ $x = -1$	$x = -5$ $x = 3$	$x = 1$ $x = -4$