Quadratic Formula - Equation to Integer Roots

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

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

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

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

$$y = x^2 - 4$$

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

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

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

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

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

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

A	B	C	D
$x = -2$	$x = -6$	$x = 2$	$x = 2$
$x = 1$	$x = 0$	$x = -5$	$x = 3$

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

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

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

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

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

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

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

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

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

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

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

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