

Match each function with the correct coefficients:

$$x^2 - 4 = 0$$

$$x^2 - 4x = 0$$

$$x^2 - 4x + 21 = 0$$

$$x^2 + 7x = 18$$

$$x^2 + 7x + 18 = 0$$

$$a = 1; b = 7; c = -18$$

$$a = 1; b = 7; c = 18$$

$$a = 1; b = 0; c = -4$$

$$a = 1; b = -4; c = 21$$

$$a = 1; b = -4; c = 0$$

Fill in the blanks with the correct answer.

$y = -3x^2 + 4x + 8$	$a = \underline{\quad}$	$b = \underline{\quad}$	$c = \underline{\quad}$
$y = 6x^2 - 2x + 7$	$a = \underline{\quad}$	$b = \underline{\quad}$	$c = \underline{\quad}$
$y = -4x^2 + 6x - 10$	$a = \underline{\quad}$	$b = \underline{\quad}$	$c = \underline{\quad}$
$y = x^2 - 7x - 2$	$a = \underline{\quad}$	$b = \underline{\quad}$	$c = \underline{\quad}$
$y = -5x^2 - 3x - 12$	$a = \underline{\quad}$	$b = \underline{\quad}$	$c = \underline{\quad}$
$y = 4x^2 + 5$	$a = \underline{\quad}$	$b = \underline{\quad}$	$c = \underline{\quad}$