

Vertex

Name _____

Use $x = -b/2a$ to find the x coordinate of the vertex. Plug in the x in the equation to find the y coordinate. Match the vertex with its function.

$y = 2x^2 + 4x - 5$	$y = x^2 + 2$
$y = -3x^2 + 6x + 5$	$y = 2x^2 + 4x - 3$
$y = x^2 + 6x - 2$	$y = x^2 + 4x + 3$
$y = x^2 - 2x + 1$	$y = -x^2 - 4x - 6$
$y = 2x^2 + 4x$	$y = -x^2 + 4x - 4$
$y = -x^2 + 8x - 5$	$y = x^2 - 8x + 12$

A (4, 11)	B (-1, -7)
C (4, -4)	D (-1, -2)
E (-2, -2)	F (-1, -5)
G (-2, -1)	H (-3, -11)
I (0, 2)	J (1, 0)
K (2, 0)	L (1, 8)