

Convert to Vertex Form by Completing the Square

$$y = 2x^2 - 16x + 35$$

$$y = 2(x^2 - 8x + 16) + 35 - 32 - 4$$

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

x		-4
x	x^2	$-4x$
-4	$-4x$	$+16$