

Write the Quadratic Equation in
Vertex form $y = a(x - h)^2 + k$

Find a, h and k $y = x^2 + 2x + 4$

$$a = 1$$

$$h = -1$$

$$k = 3$$

$$x = \frac{-(2)}{2(1)} = -1$$

$$y = (-1)^2 + 2(-1) + 4$$

$$y = 1 - 2 + 4$$

$$y = 3$$