

FIND THE VERTEX OF

$$\textcircled{1} f(x) = x^2 - 2x + 3$$

$$h = -\frac{b}{2a} = -\frac{-2}{2(1)} = 1$$

$$k = f(1) = 1^2 - 2(1) + 3 = 2$$

$$\textcircled{2} g(x) = 2x^2 + 12x - 5$$

$$\frac{\text{VERTEX}}{(1, 2)}$$

A of $<$