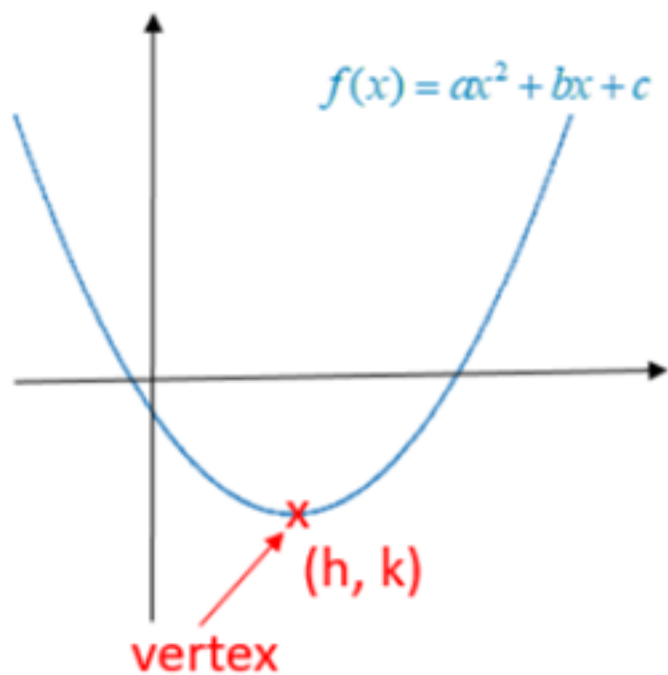


## Quadratic Function: Vertex Form



General form:  $f(x) = ax^2 + bx + c$

To get the vertex of the quadratic graph

$$h = -\frac{b}{2a} \quad k = f(h)$$

Vertex form:  $f(x) = a(x - h)^2 + k$