

STANDARD FORM

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

VERTEX: (x, y)

$$x = \frac{-b}{2a} \quad y = f(x)$$

Y-INTERCEPT: $(0, c)$

VERTEX FORM

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

VERTEX: (h, k)

FACTORED FORM

$$f(x) = a(x - p)(x - q)$$

ZEROS:

$(p, 0)$ and $(q, 0)$

PLAN
teach
MATH