Understanding Standard Form, Factored Form, and Vertex Form of a Quadratic Equation (Parabola)

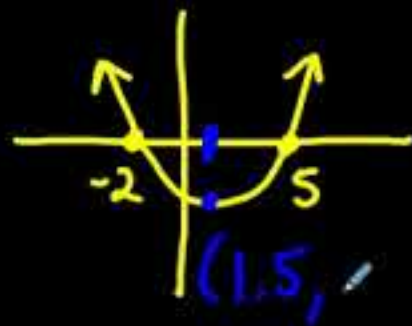| Factored Form	Standard Form	Vertex Form
$y = a(x - s)(x - t)$	$y = Ax^2 + Bx + C$	$y = a(x - h)^2 + k$

(h, k)

-2   5

$(1.5,$