Getting Information from Quadratic Equations

	Vertex Form $y = a(x - h)^2 + k$	Standard Form $y = ax^2 + bx + c$	Factored Form $y = a(x - r)(x - s)$
Vertex	How to: Example: $y = \frac{1}{4}(x + 6)^2 - 4$	How to: Example: $y = 2x^2 - 4x - 16$	How to: Example: $y = -2(x - 2)(x + 6)$
Zeros	How to: Example: $y = \frac{1}{4}(x + 6)^2 - 4$	How to: Example: $y = 2x^2 - 4x - 16$	How to: Example: $y = -2(x - 2)(x + 6)$
y-Intercept	How to: Example: $y = \frac{1}{4}(x + 6)^2 - 4$	How to: Example: $y = 2x^2 - 4x - 16$	How to: Example: $y = -2(x - 2)(x + 6)$