

Standard Form: $y = ax^2 + bx + c$

Vertex Form: $y = a(x - h)^2 + k$

Convert to the other form:

$$y = x^2 - 8x + 15$$

Convert to the other form:

$$f(x) = 2x^2 - 6x + 12$$

Convert to the other form:

$$y = x^2 - 10x + 17$$

$$y = 2x^2 - 4x + 10$$

Convert to the other form:

$$y = -(x - 1)^2 - 1$$

Convert to the other form:

$$y = 2(x - 2)^2 - 3$$

Convert to the other form:

$$f(x) = -(x-4)^2 - 9$$

$$f(x) = \frac{1}{2}(x+4)^2 - 7$$