

Finding the Axis of Symmetry of Quadratics

(WRITTEN IN STANDARD & VERTEX FORM)

Directions: Identify the axis of symmetry of each quadratic function. Use your answer to complete your work.

START

$$f(x) = 2x^2 - 12x - 5$$

$$g(x) = -5 + 2(x-5)^2$$

$$h(x) = -x^2$$

$$x = 3$$

$$x = 5$$

$$x = -12$$

$$x = -3$$

$$x = -5$$

$$x = 1$$

$$x = 2$$

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

$$f(x) = 2x^2 - 20x$$

$$q(x) = x^2$$

$$x = 5$$

$$x = -10$$