

Name: \_\_\_\_\_

# Math is Gold

Date: \_\_\_\_\_

(id:quad\_fn\_graph\_A.1)

**Title: Find the vertex, the equation to the axis of symmetry and the y-int. Draw the graph.**

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

2)  $y = 2x^2 - 4x - 1$

3)  $y = -x^2 + 4x + 1$

4)  $y = -x^2 + 6x - 5$

5)  $y = -x^2 - 6x - 4$

6)  $y = 3x^2 - 6x + 1$

7)  $y = x^2 - 8x + 8$

8)  $y = -x^2 - 4x - 1$

$$9) y = x^2 - 8x + 7$$

$$10) y = -x^2 + 6x - 7$$