

Name: _____
Date Started: _____ Date Completed: _____ Score: _____

Learning Activity Sheet
Vertex Form of Quadratic Functions

Rewrite the following function to its vertex form.

1. $y = 2x^2 + 8x - 3$

6. $y = x^2 - 6x + 5$

2. $y = x^2 + 5x + 5$

7. $y = 4x^2 - 3x + 5$

3. $y = x^2 - 18x - 9$

8. $g(x) = 2 - x^2 + x$

4. $y = x^2 - 2x + 3$

9. $f(x) = 7x - 5 + 3x^2$

5. $y = -x^2 - 2x - 5$

10. $t(x) = x(3x - 7) + x^2$