

REVIEW WKST VERTEX FORM OF A QUADRATIC FUNCTION

Period _____

Write each of the following in Vertex Form.

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

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

3) $y = 3x^2 - 24x + 45$

4) $y = 2x^2 - 12x + 20$

5) $y = -2x^2 + 12x - 16$

6) $y = -2x^2 + 16x - 29$

7) $y = \frac{1}{2}x^2 - 4x + 11$

8) $y = -\frac{1}{2}x^2 - 4x - 12$