

Name: _____

Date: _____

Vertex Form to Standard Form

Solve each of the following equations.

1)

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

2)

$$y = -5(x - 1)^2 + 4$$

3)

$$y = 2(x + 8)^2 + 10$$

4)

$$y = 6(x - 4)^2 - 1$$

5)

$$y = 4(x + 2)^2 - 8$$

6)

$$y = \frac{1}{2}(x + 4)^2 + 6$$

7)

$$y = 18\left(x - \frac{1}{3}\right)^2 + 5$$

8)

$$y = -\frac{1}{3}(x + 6)^2 - 1$$

9)

$$y = 13(x - 2)^2 + 15$$

10)

$$y = -2\left(x + \frac{1}{2}\right)^2$$
