

Changing from Vertex or Intercept Form to Standard Form Homework Assignment

Name \_\_\_\_\_ Date \_\_\_\_\_

Rewrite each equation in Standard Form.

1.  $f(x) = (x - 6)(x + 7)$

2.  $y = (x + 4)^2 + 5$

3.  $g(x) = (x - 3)^2 - 7$

4.  $f(x) = (3x + 5)(2x - 1)$

5.  $y = -6x(x + 2)$

6.  $h(x) = -(x + 3)^2 - 2$

7.  $y = 2(x + 2)^2 - 4$

8.  $f(x) = 3(x - 2)^2 - 2$

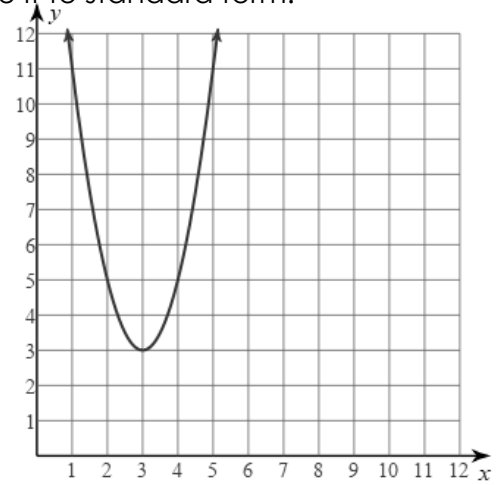
9.  $f(x) = 4x(5x - 8)$

10.  $y = (x + 6)^2 + 2$

11.  $y = 2(x - 1)^2 + 3$

12.  $g(x) = -3(x - 4)^2 + 6$

13. Write the equation of the graph in vertex form. Then change it to standard form.



14. Write the equation of the graph in intercept form. Then change it to standard form.

