

Converting to Standard Form

Date _____ Period _____

CLASS EXAMPLES: Convert each quadratic function to standard form.

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

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

HOMEWORK: Convert each quadratic function to standard form.

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

4) $y = (x + 3)^2 + 3$

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

6) $y = (x + 1)^2 + 1$

CLASS EXAMPLES: Convert each quadratic function to standard form.

7) $y = 3(x - 3)^2 + 4$

8) $y = -(x - 3)^2 + 4$

HOMEWORK: Convert each quadratic function to standard form.

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

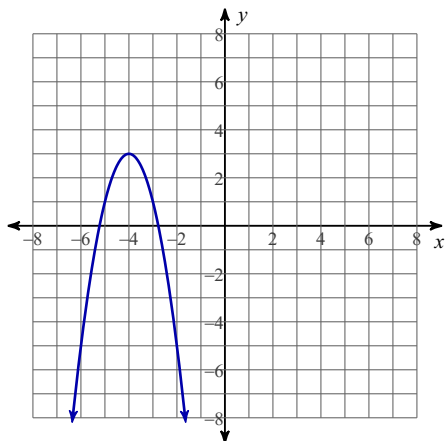
10) $y = -3(x - 4)^2 - 4$

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

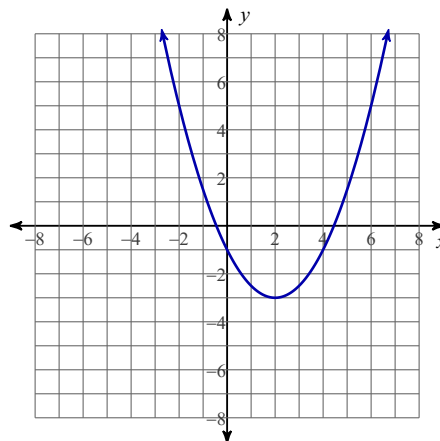
12) $y = 2(x - 3)^2 - 1$

CLASS EXAMPLES: Write each quadratic function in standard form.

13)

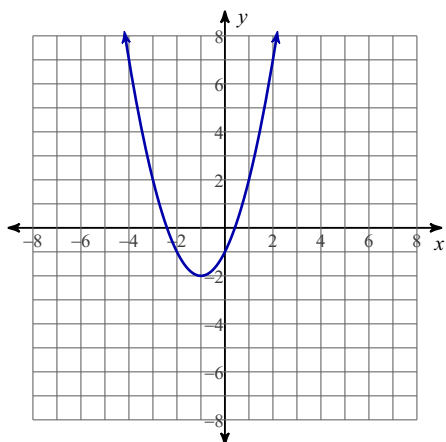


14)

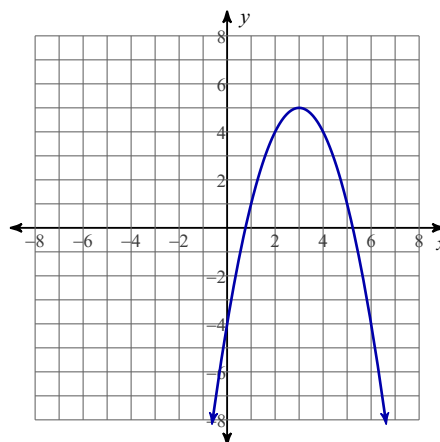


HOMEWORK: Write each quadratic function in standard form.

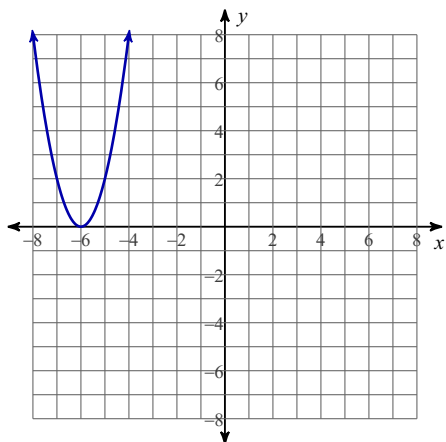
15)



16)



17)



18)

