

Graphing Quadratic Functions in Vertex Form #2

Date_____ Period____

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Sketch the graph of each function.

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

2) $f(x) = 2(x - 2)^2 + 1$

3) $f(x) = -\frac{1}{2}(x + 4)^2 - 4$

4) $f(x) = 2(x - 3)^2 + 4$

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

6) $f(x) = -2(x - 4)^2 + 1$

7) $f(x) = (x - 2)^2 - 2$

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

$$9) f(x) = (x + 3)^2 + 2$$

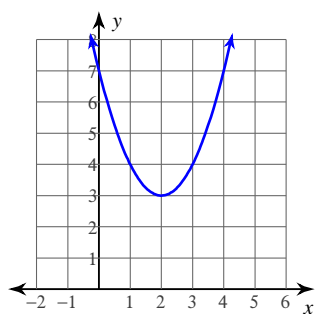
$$10) f(x) = \frac{1}{2}(x - 4)^2 + 3$$

$$11) f(x) = -(x - 1)^2 - 3$$

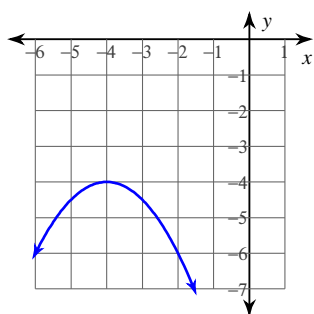
$$12) f(x) = -\frac{1}{2}(x + 2)^2 - 2$$

Answers to Graphing Quadratic Functions in Vertex Form #2 (ID: 1)

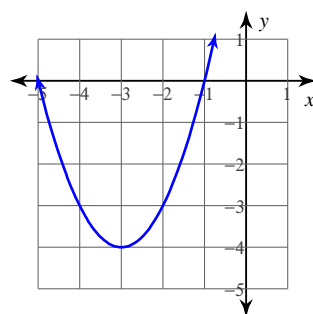
1)



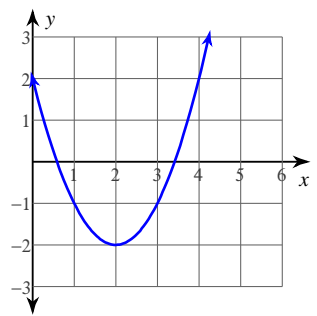
3)



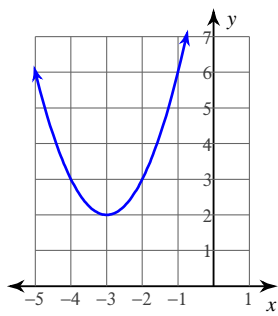
5)



7)



9)



11)

