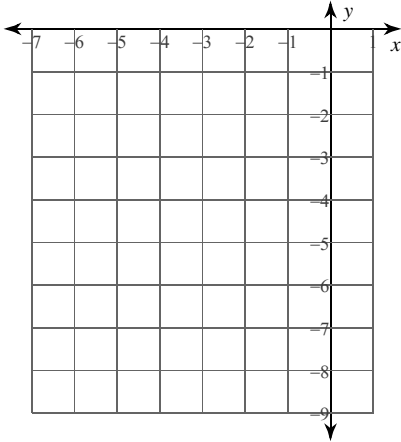


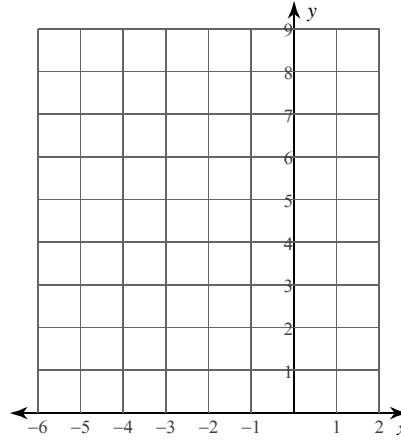
Algebra I Practice F.IF.C.7 Graphing Quadratic Functions 5

Sketch the graph of each function.

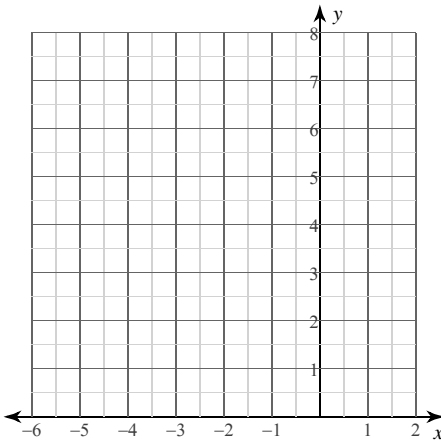
1) $f(x) = -(x + 2)^2 - 4$



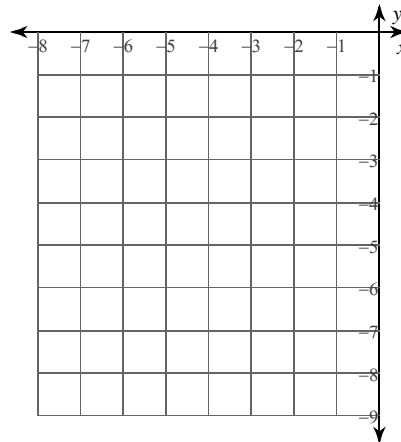
2) $f(x) = (x + 2)^2 + 4$



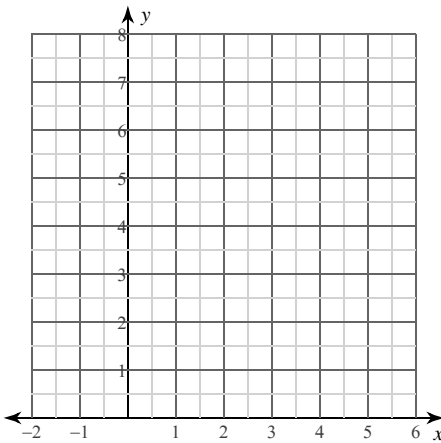
3) $f(x) = (x + 3)^2 + 3$



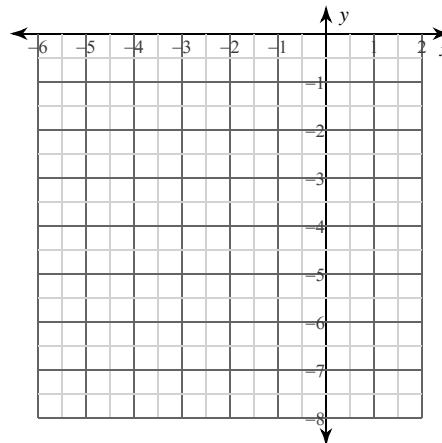
4) $f(x) = -(x + 3)^2 - 4$



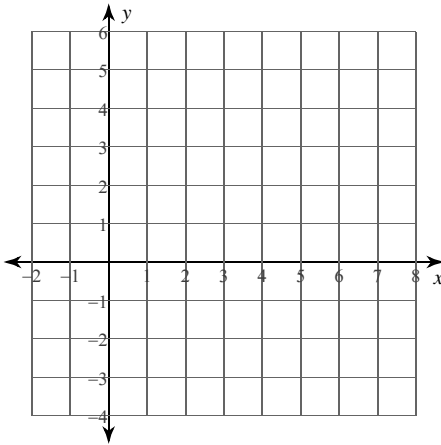
5) $f(x) = (x - 1)^2 + 3$



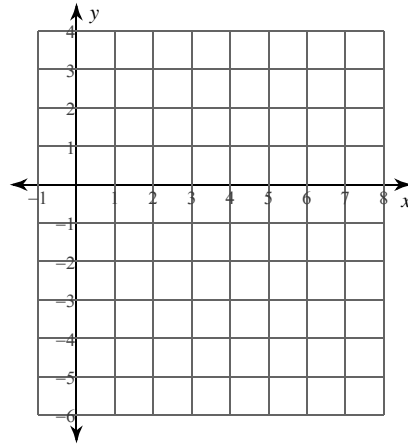
6) $f(x) = -(x + 2)^2 - 3$



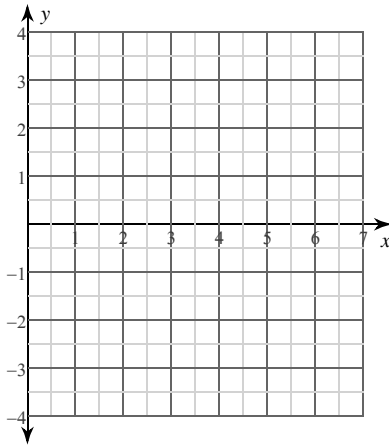
$$7) f(x) = 2(x - 2)^2 - 3$$



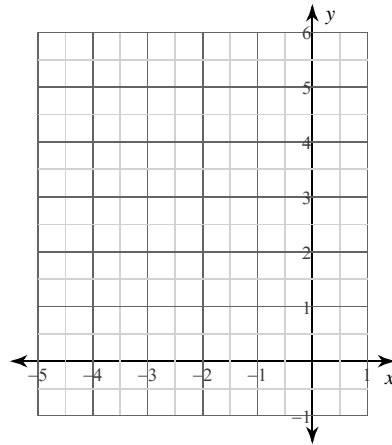
$$8) f(x) = -2(x - 4)^2 + 3$$



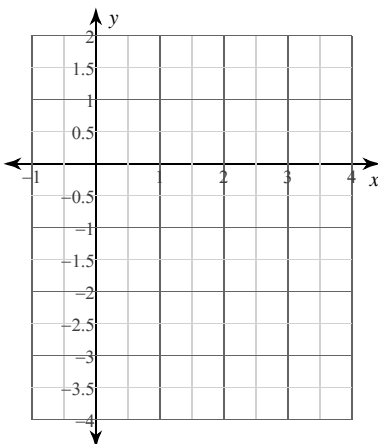
$$9) f(x) = -\frac{1}{2}(x - 4)^2 + 1$$



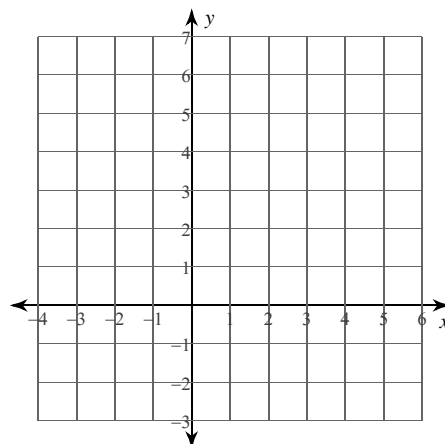
$$10) f(x) = \frac{1}{2}(x + 2)^2 + 2$$



$$11) f(x) = \left(x - \frac{3}{2}\right)^2 - 3$$



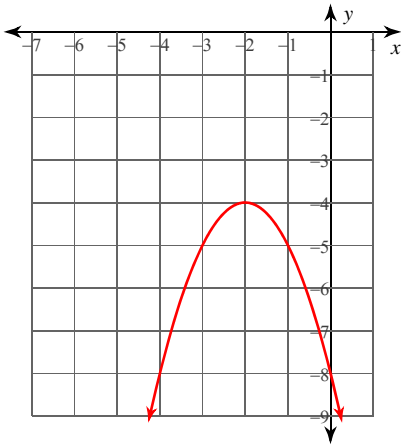
$$12) f(x) = 2\left(x - \frac{5}{2}\right)^2 - 2$$



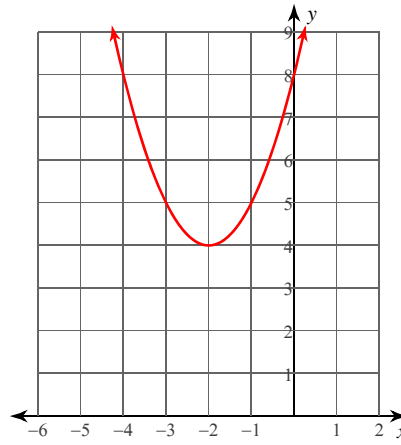
Algebra I Practice F.IF.C.7 Graphing Quadratic Functions 5

Sketch the graph of each function.

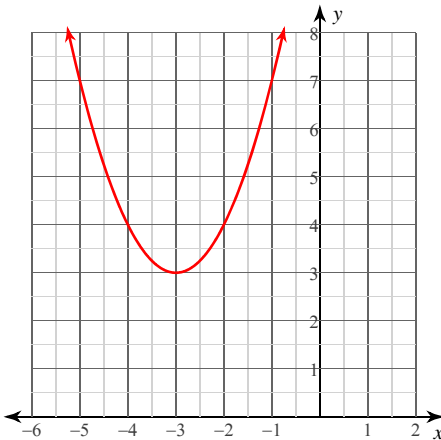
1) $f(x) = -(x + 2)^2 - 4$



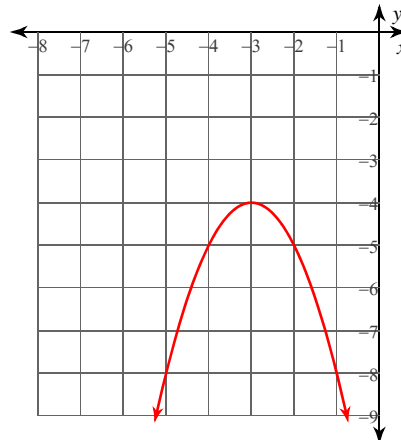
2) $f(x) = (x + 2)^2 + 4$



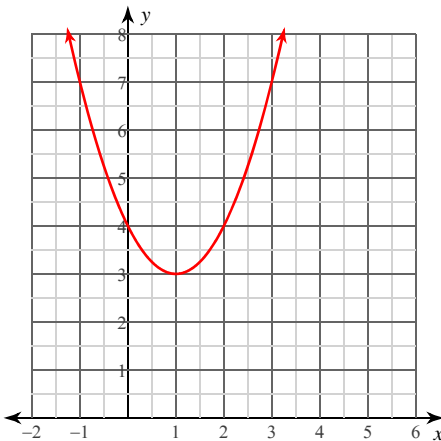
3) $f(x) = (x + 3)^2 + 3$



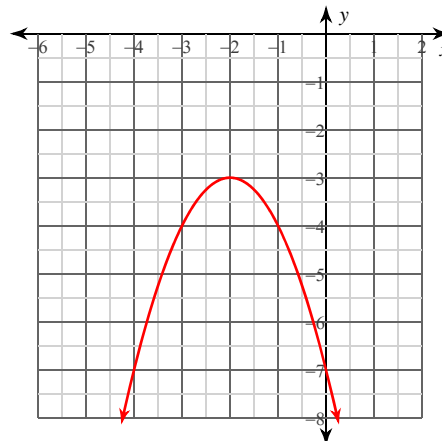
4) $f(x) = -(x + 3)^2 - 4$



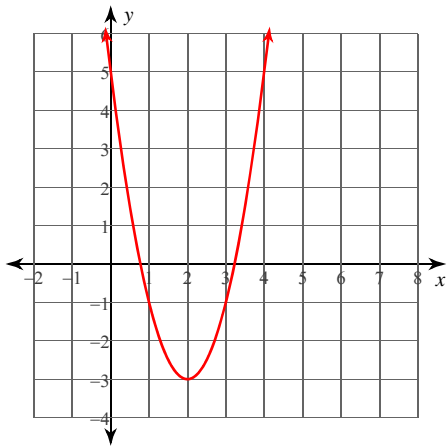
5) $f(x) = (x - 1)^2 + 3$



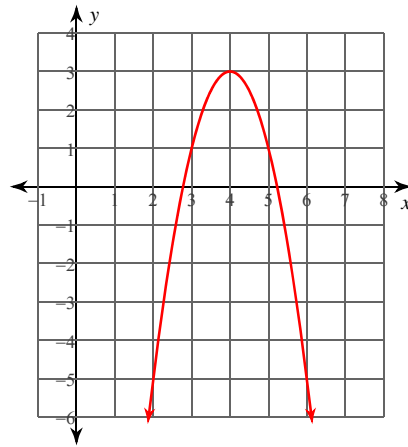
6) $f(x) = -(x + 2)^2 - 3$



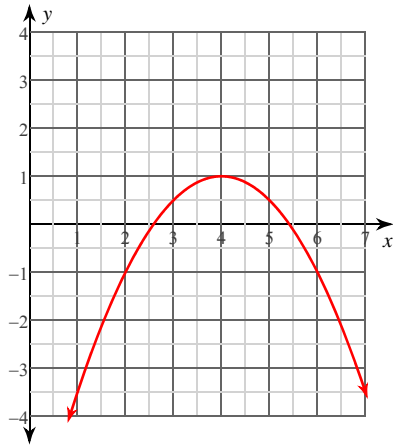
$$7) f(x) = 2(x - 2)^2 - 3$$



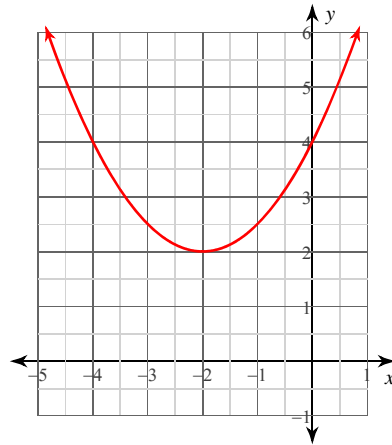
$$8) f(x) = -2(x - 4)^2 + 3$$



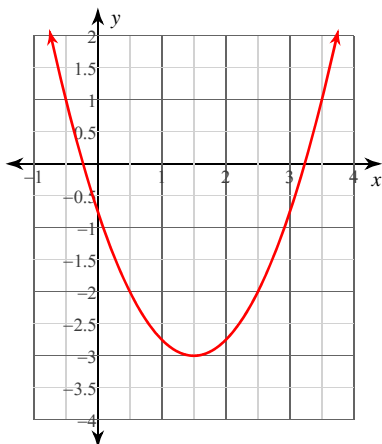
$$9) f(x) = -\frac{1}{2}(x - 4)^2 + 1$$



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



$$11) f(x) = \left(x - \frac{3}{2}\right)^2 - 3$$



$$12) f(x) = 2\left(x - \frac{5}{2}\right)^2 - 2$$

