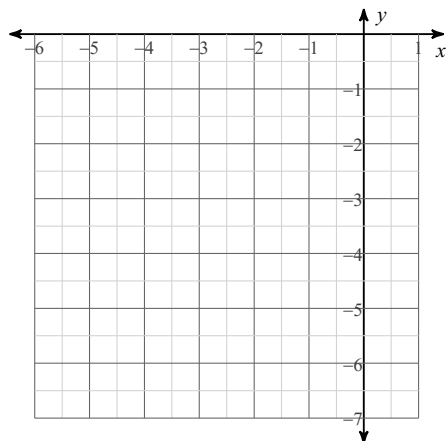


Graphing Quadratic Functions

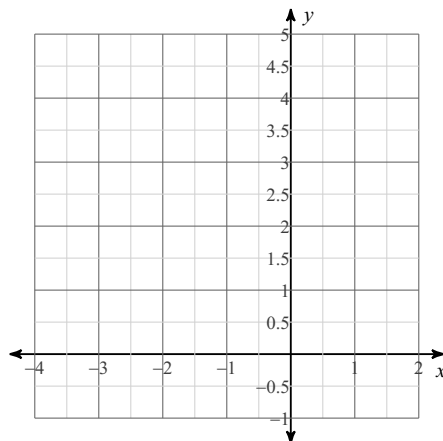
Date _____ Period _____

Sketch the graph of each function.

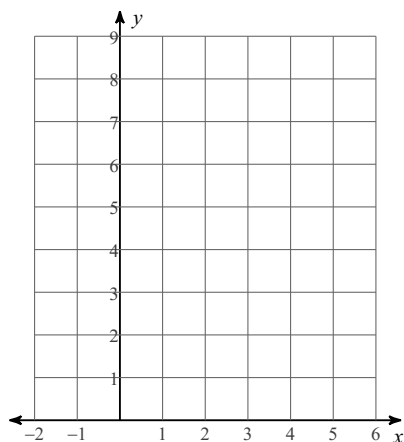
1) $f(x) = -(x + 4)^2 - 2$



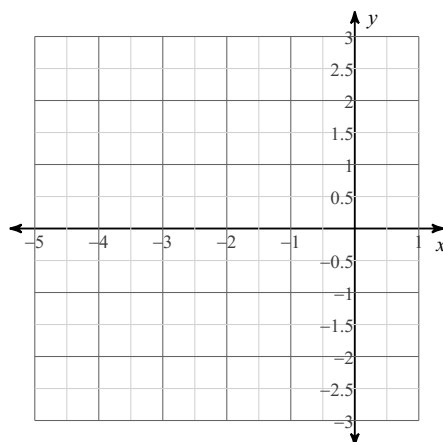
2) $f(x) = -(x + 1)^2 + 4$



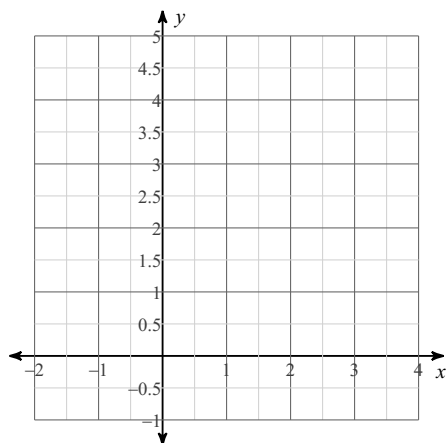
3) $f(x) = (x - 3)^2 + 4$



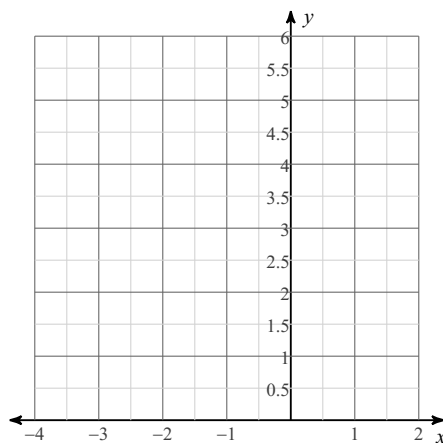
4) $f(x) = -(x + 3)^2 + 2$



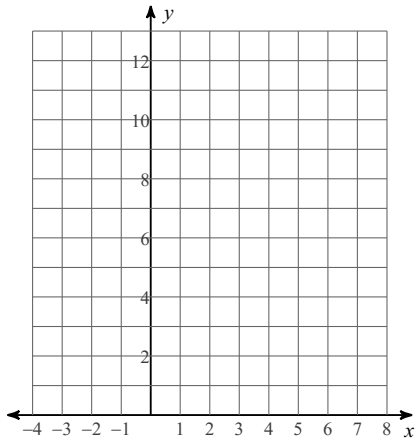
5) $f(x) = -(x - 1)^2 + 4$



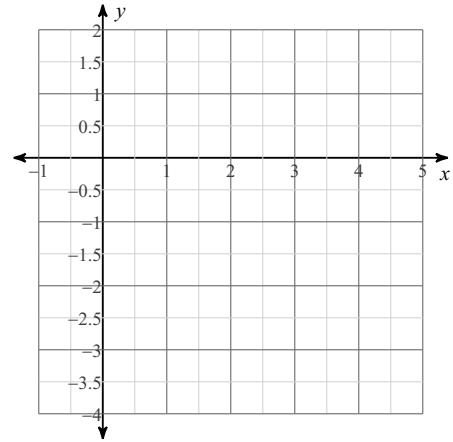
6) $f(x) = (x + 1)^2 + 1$



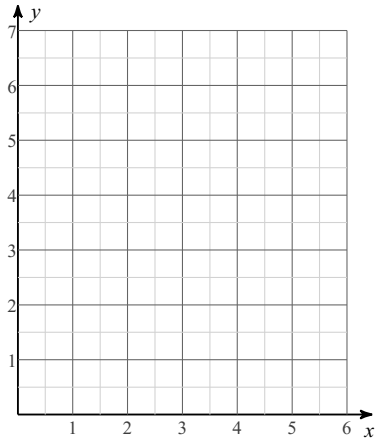
7) $f(x) = 2x^2 - 12x + 22$



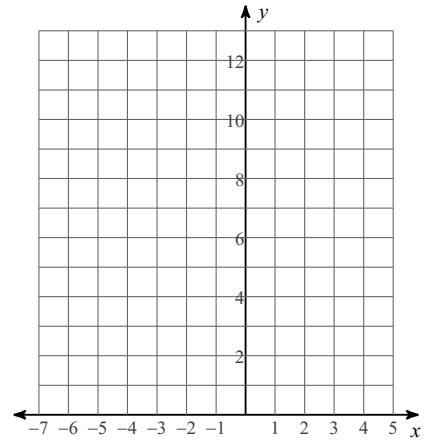
8) $f(x) = \frac{1}{2}x^2 - 2x$



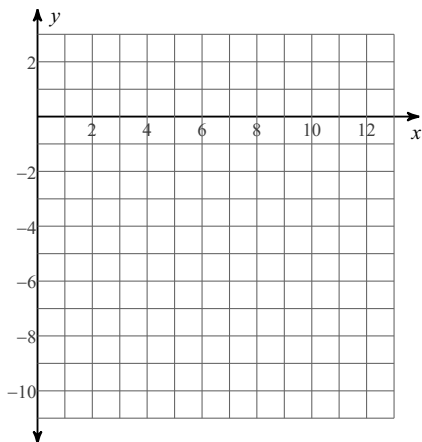
9) $f(x) = x^2 - 6x + 11$



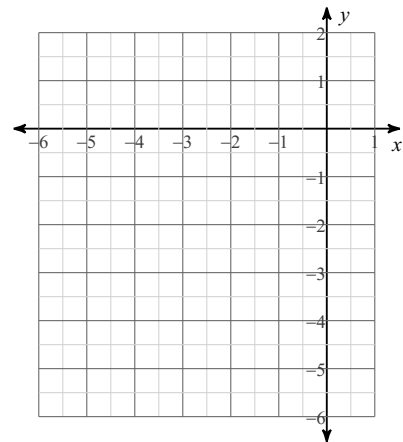
10) $f(x) = 2x^2 + 4x + 6$



11) $f(x) = -3x^2 + 24x - 46$

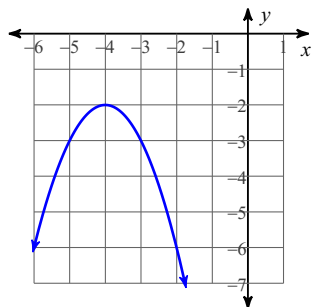


12) $f(x) = \frac{1}{2}x^2 + 4x + 5$

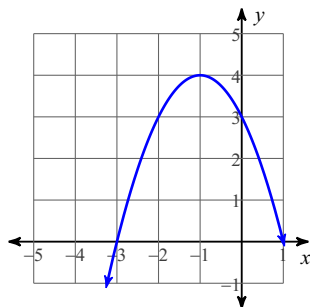


Answers to Graphing Quadratic Functions (ID: 1)

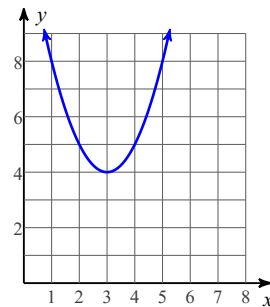
1)



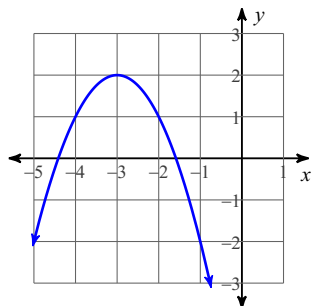
2)



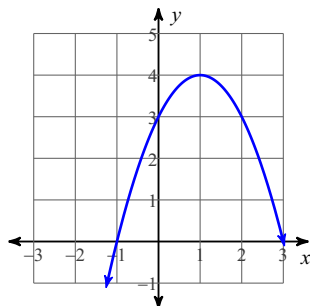
3)



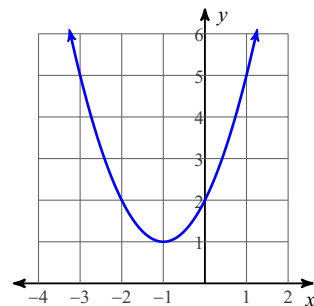
4)



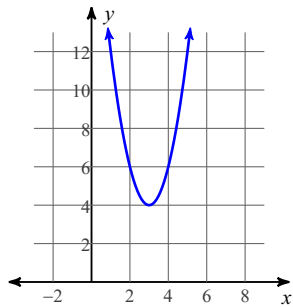
5)



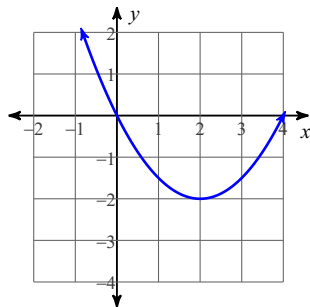
6)



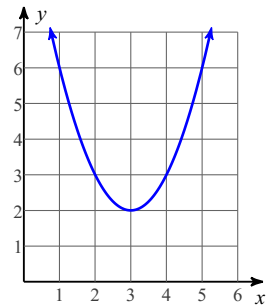
7)



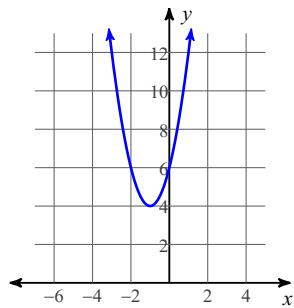
8)



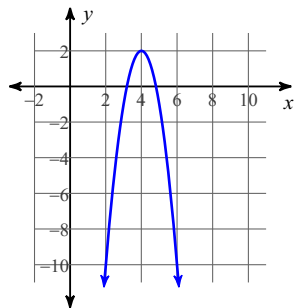
9)



10)



11)



12)

