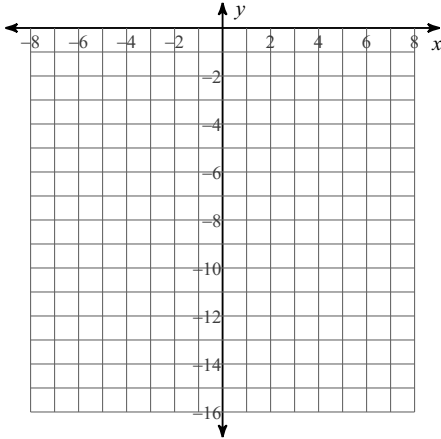


## Graphing Quadratics in Standard form

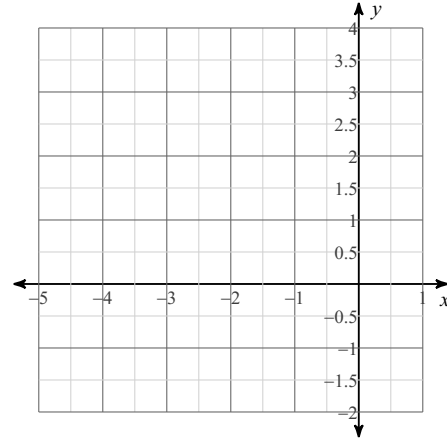
Date \_\_\_\_\_ Period \_\_\_\_\_

Sketch the graph of each function. State the domain and range.

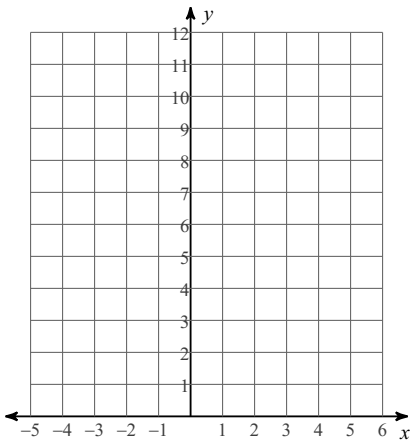
1)  $f(x) = -3x^2 + 12x - 15$



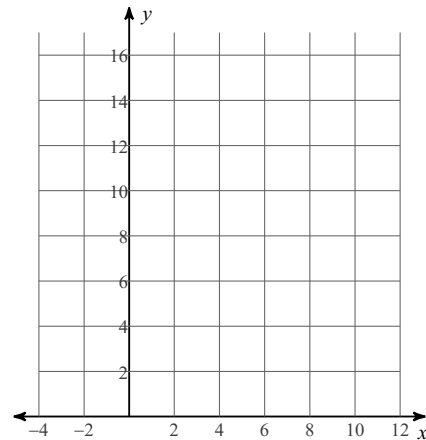
2)  $f(x) = -x^2 - 6x - 6$



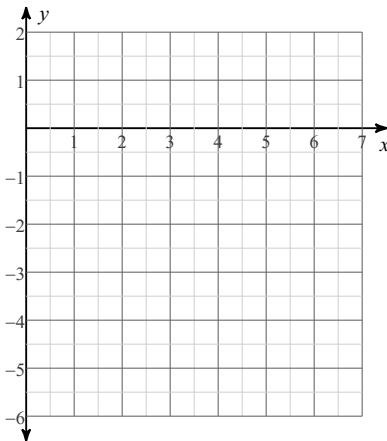
3)  $f(x) = 2x^2 - 16x + 35$



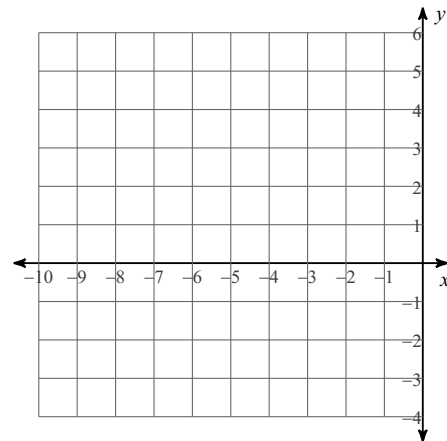
4)  $f(x) = 3x^2 - 12x + 16$



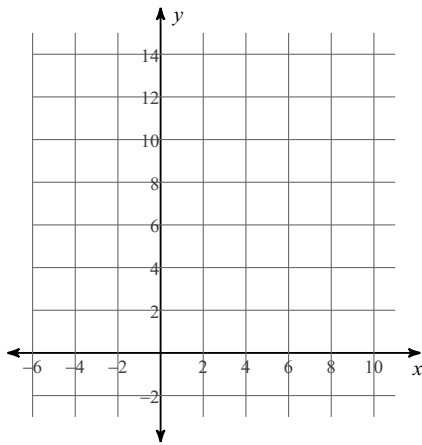
5)  $f(x) = x^2 - 8x + 12$



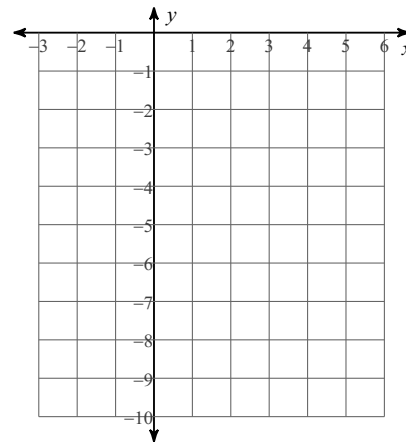
6)  $f(x) = 2x^2 + 12x + 15$



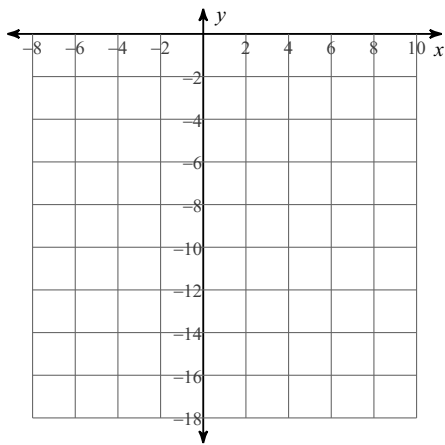
7)  $f(x) = 4x^2 - 32x + 62$



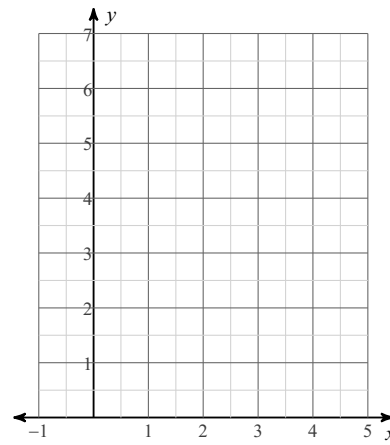
8)  $f(x) = -2x^2 + 16x - 33$



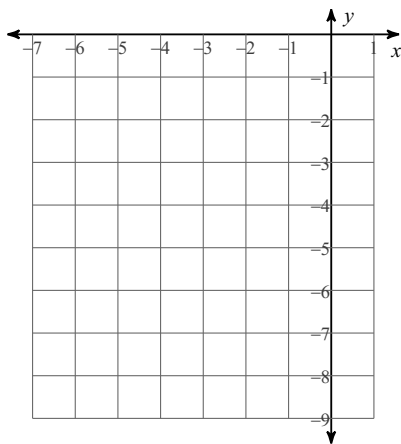
9)  $f(x) = -4x^2 + 8x - 5$



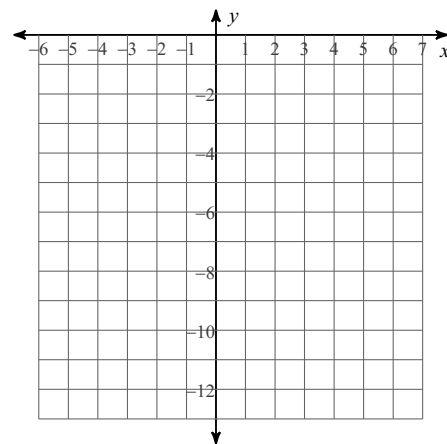
10)  $f(x) = x^2 - 4x + 6$



11)  $f(x) = -x^2 - 4x - 8$

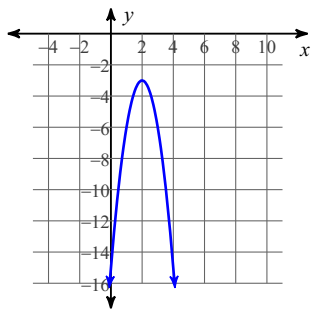


12)  $f(x) = -2x^2 - 16x - 36$

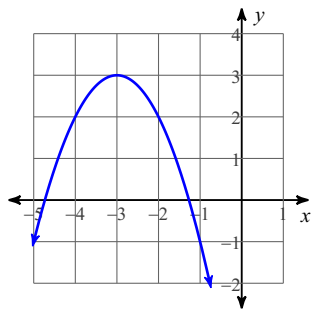


# Answers to Graphing Quadratics in Standard form (ID: 1)

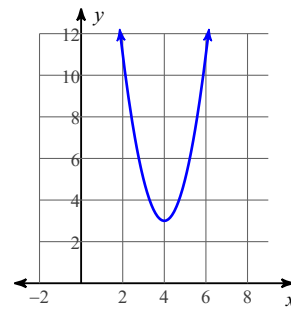
1)



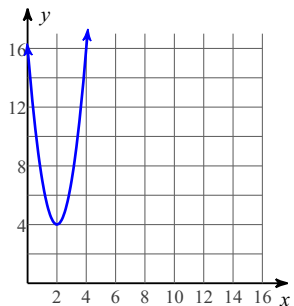
2)



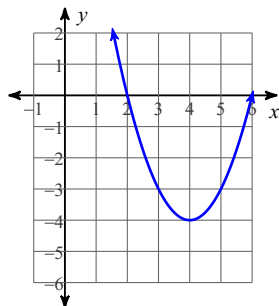
3)



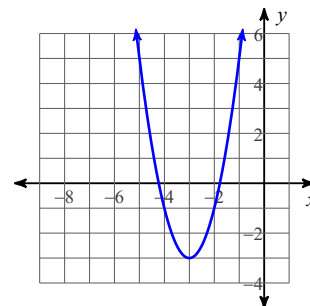
4)



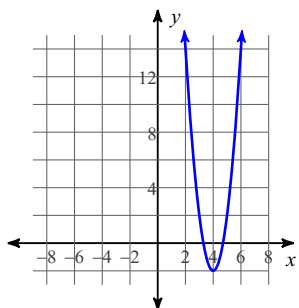
5)



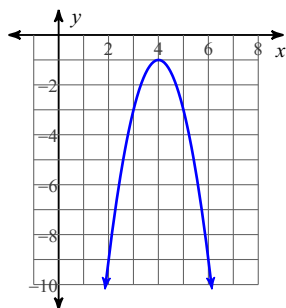
6)



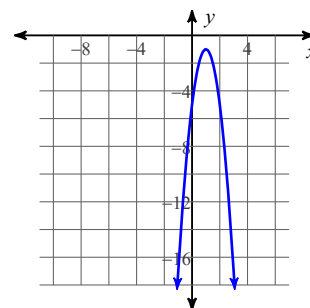
7)



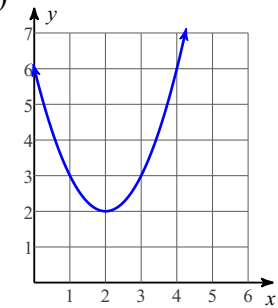
8)



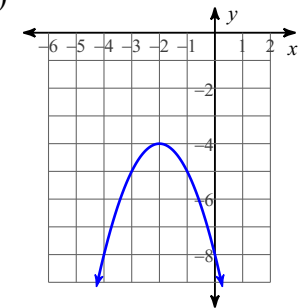
9)



10)



11)



12)

