

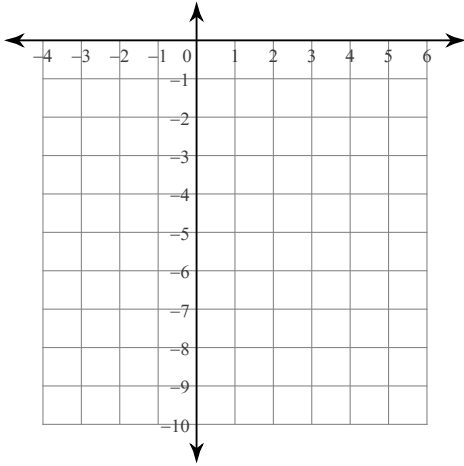
## Graphing Quadratics - Vertex Form

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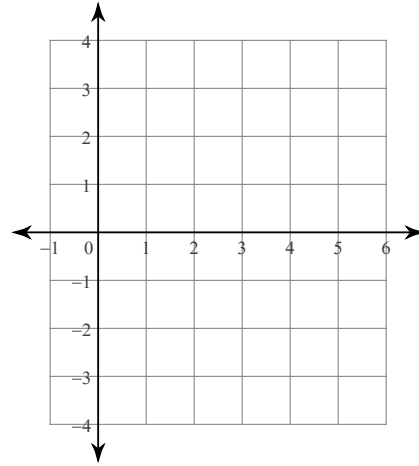
Date \_\_\_\_\_ Period \_\_\_\_\_

Sketch the graph of each function.

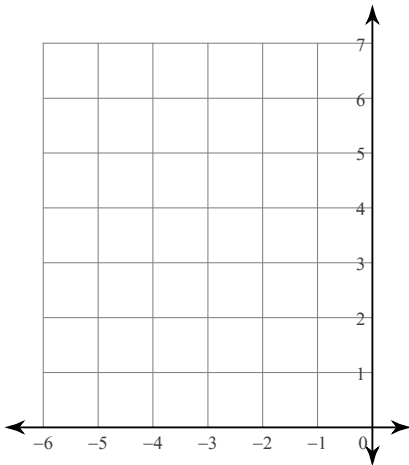
1)  $y = -2(x - 1)^2 - 1$



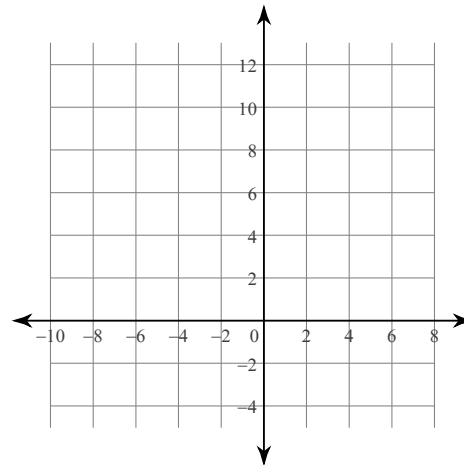
2)  $y = -(x - 4)^2 + 2$



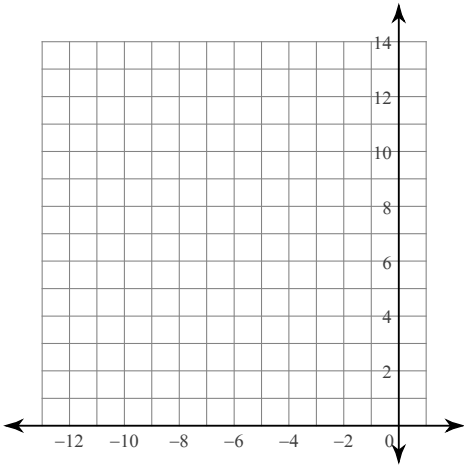
3)  $y = (x + 2)^2 + 2$



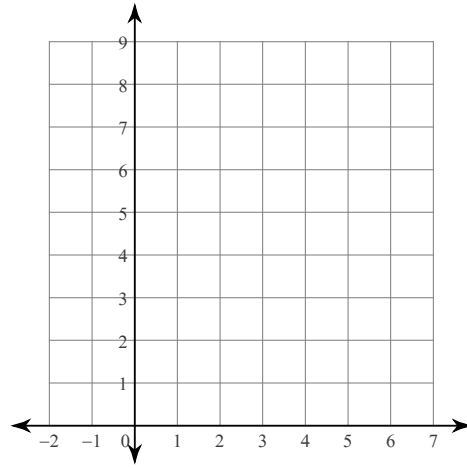
4)  $y = 4(x + 1)^2 - 4$



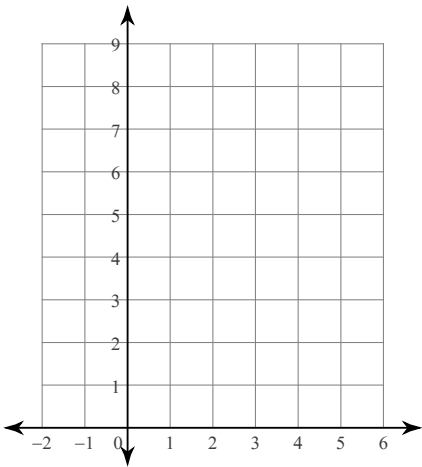
5)  $f(x) = 3(x + 2)^2 + 1$



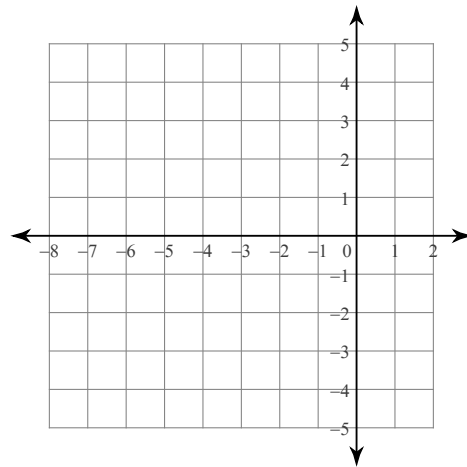
6)  $f(x) = (x - 4)^2 + 4$



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

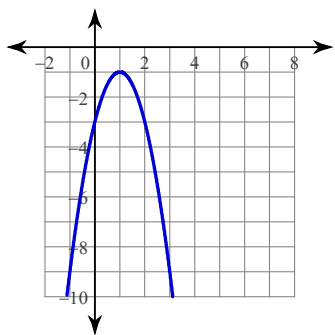


8)  $f(x) = 2(x + 3)^2 - 4$

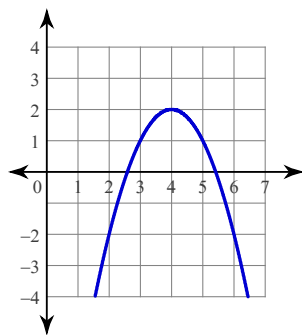


# Answers to Graphing Quadratics - Vertex Form

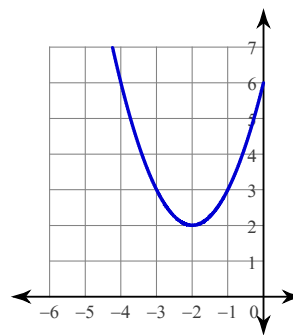
1)



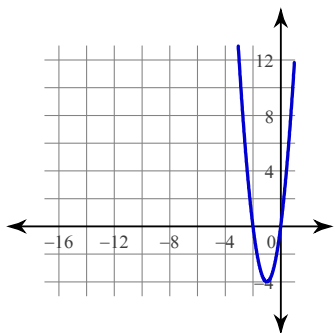
2)



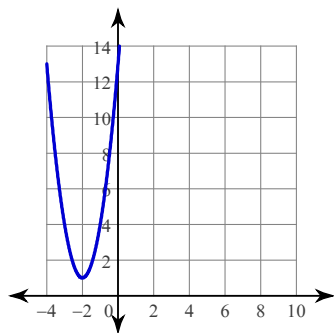
3)



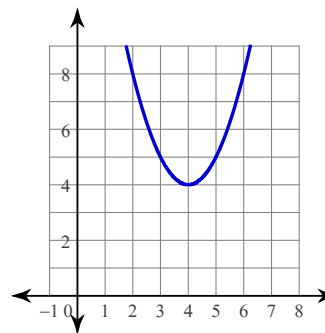
4)



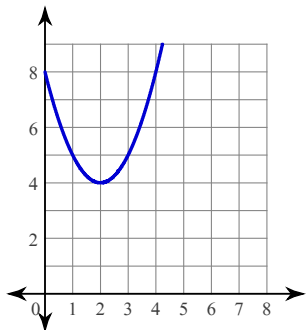
5)



6)



7)



8)

