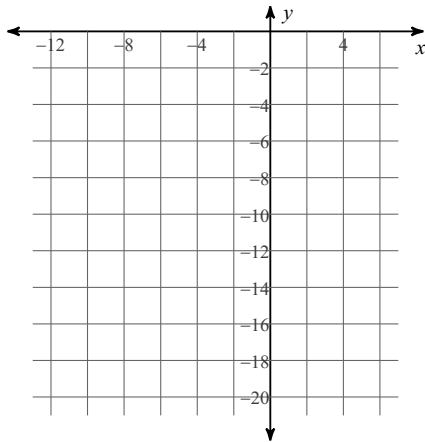


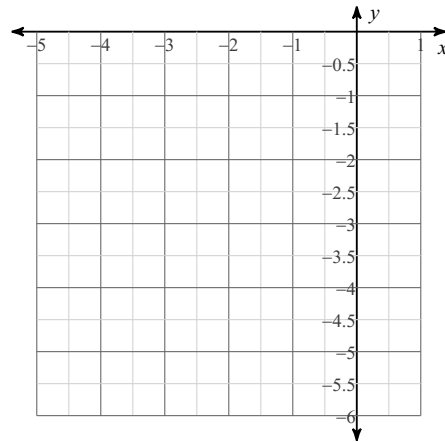
# Graphing Quadratics in Vertex Form (B)

Sketch the graph of each function. Be sure to include the VERTEX, the AXIS of SYMMETRY, and the y-intercept.

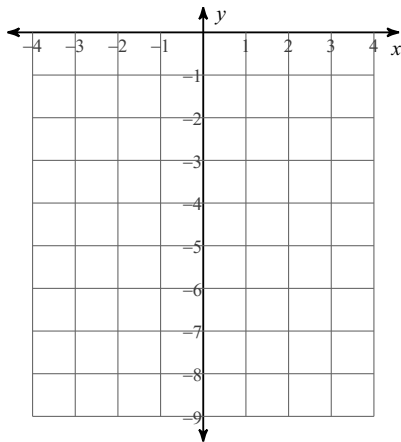
1)  $y = -4(x + 1)^2 - 4$



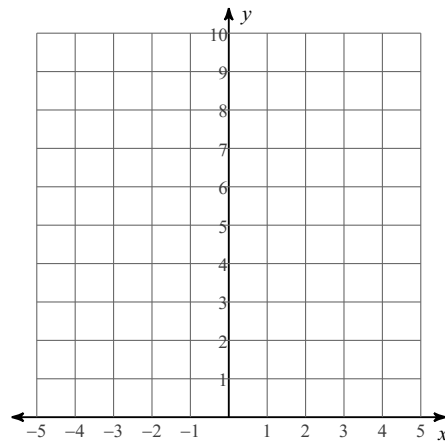
2)  $y = -(x + 1)^2 - 1$



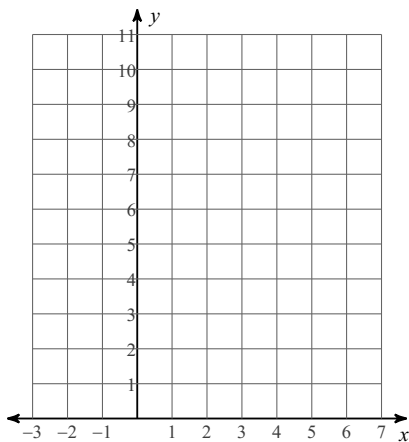
3)  $y = -(x - 2)^2 - 4$



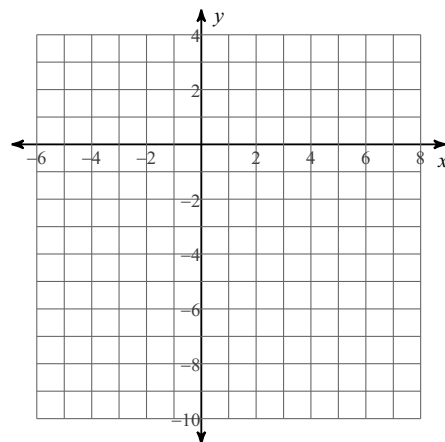
4)  $y = 2(x + 1)^2 + 1$



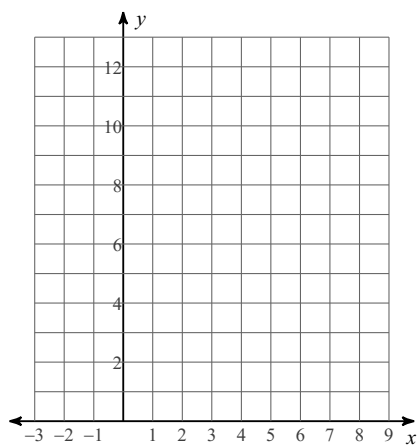
5)  $y = 2(x + 1)^2 + 2$



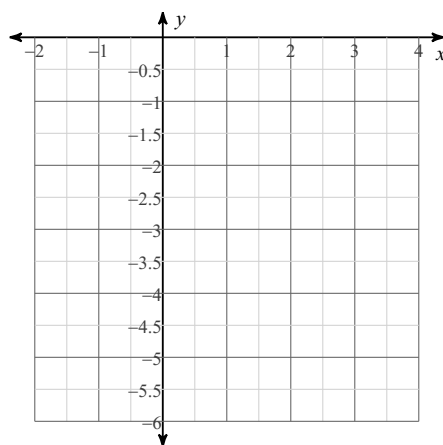
6)  $y = -3(x + 1)^2 + 3$



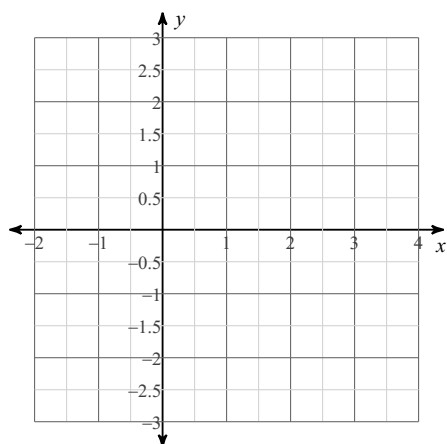
$$7) y = 2(x - 2)^2 + 4$$



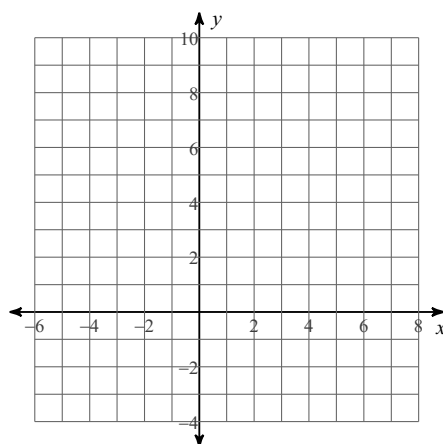
$$8) y = -(x - 1)^2 - 1$$



$$9) y = (x - 2)^2 - 2$$

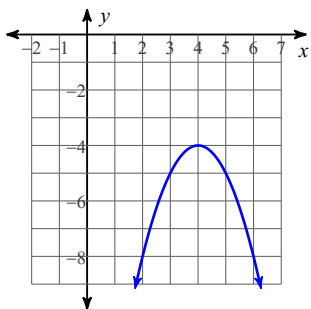


$$10) y = 3(x - 1)^2 - 3$$

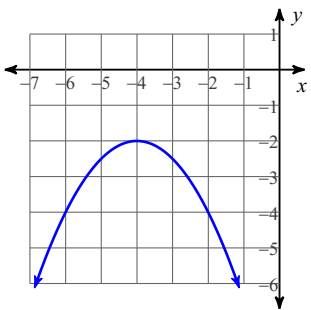


11)  $y = -(x - 4)^2 - 4$

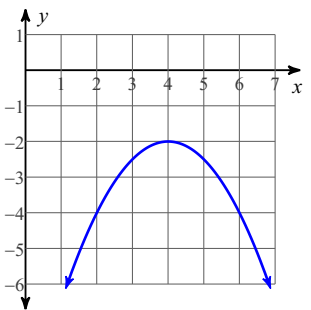
A)



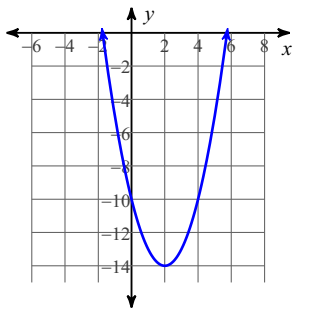
B)



C)

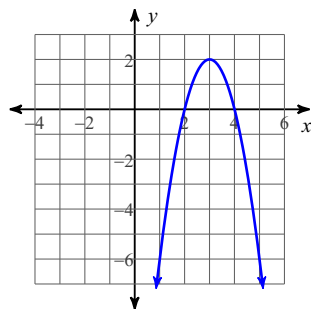


D)

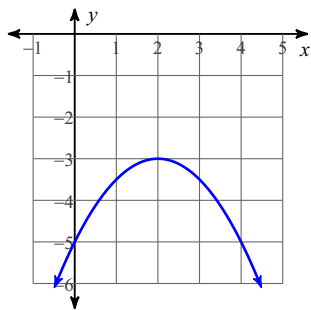


12)  $y = -2(x - 1)^2 + 4$

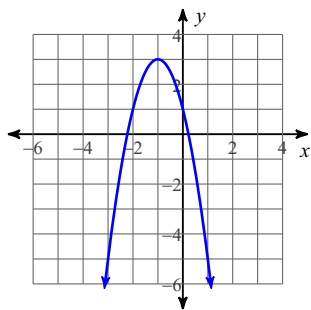
A)



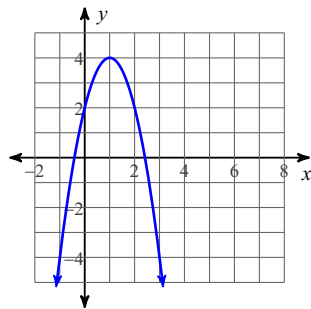
B)



C)

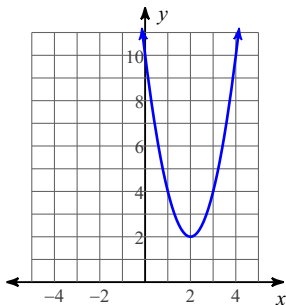


D)

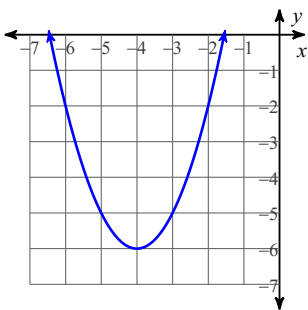


13)  $y = (x - 1)^2 - 4$

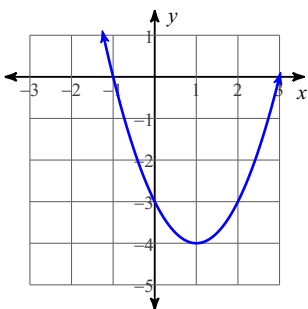
A)



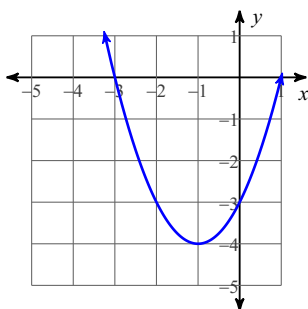
B)



C)

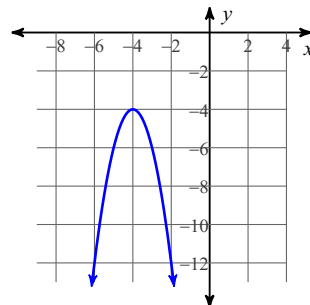


D)

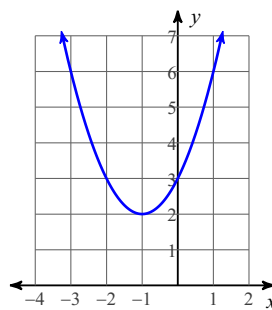


14)  $y = (x - 1)^2 + 2$

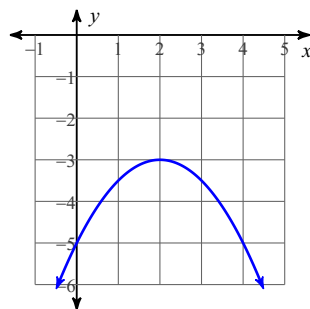
A)



B)



C)



D)

