

Graph quadratic functions in vertex form

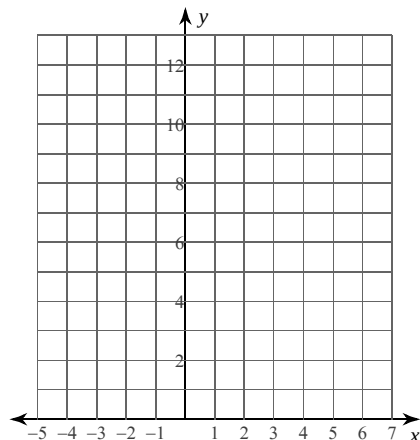
Name _____

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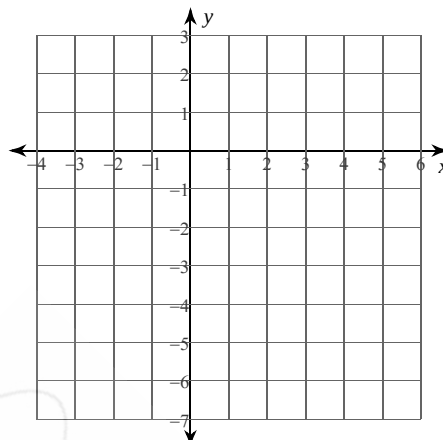
Date _____

Sketch the graph of each function.

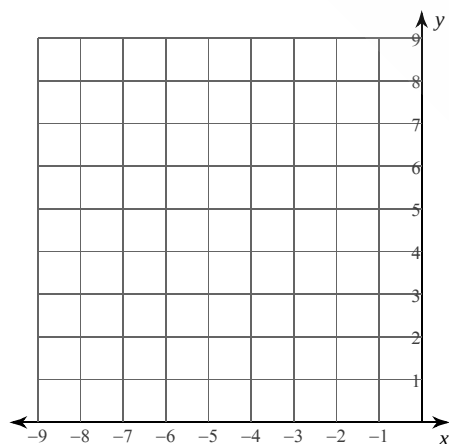
1) $y = 2(x - 1)^2 + 4$



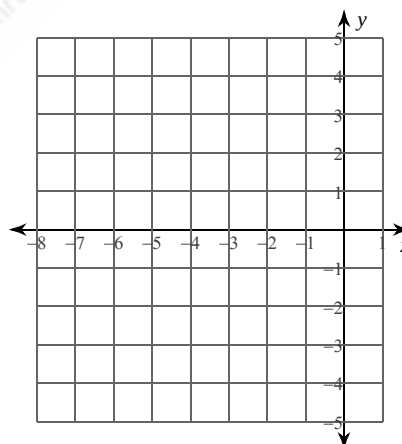
2) $y = -2(x - 3)^2 + 2$



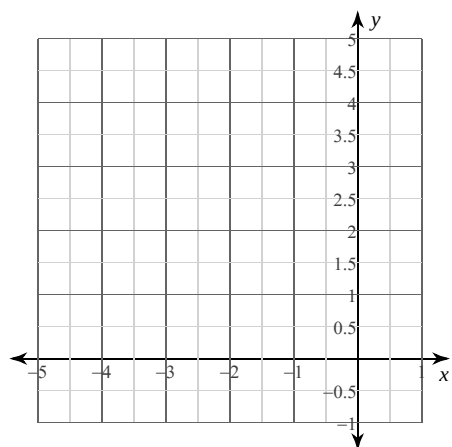
3) $y = (x + 4)^2 + 4$



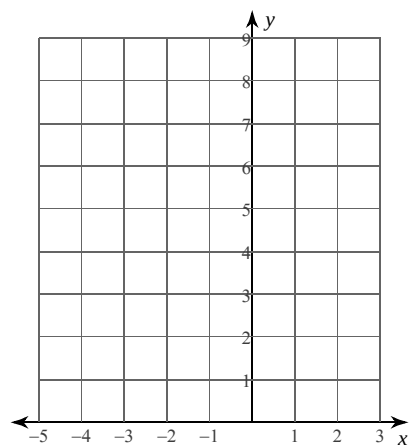
4) $y = 2(x + 4)^2 - 4$



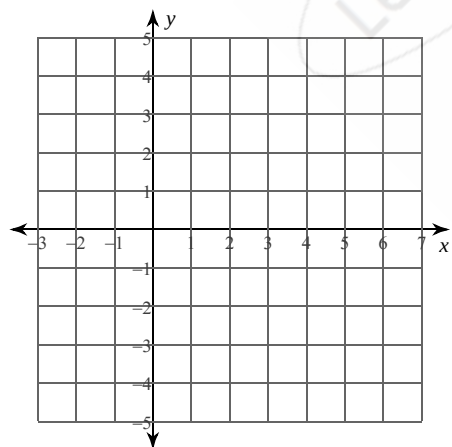
5) $y = -(x + 3)^2 + 4$



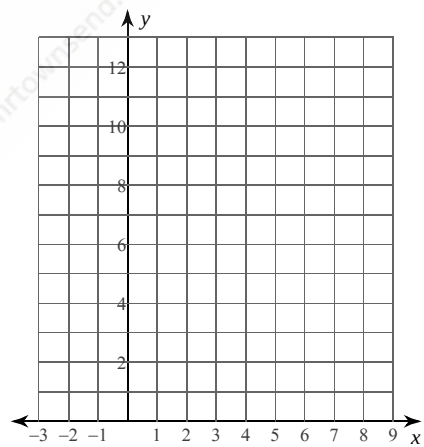
6) $y = (x + 3)^2 + 4$



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

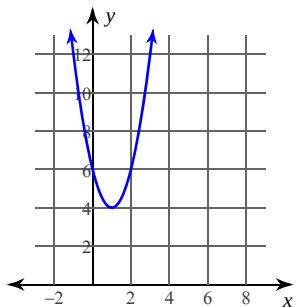


8) $y = 2(x - 3)^2 + 4$

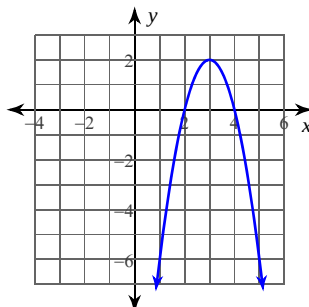


Answers to Graph quadratic functions in vertex form

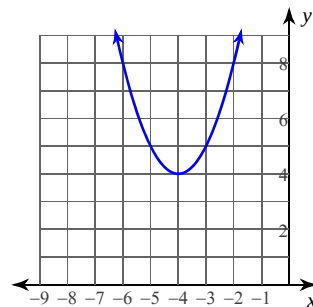
1)



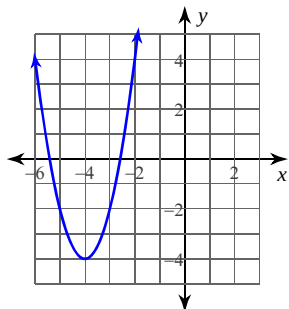
2)



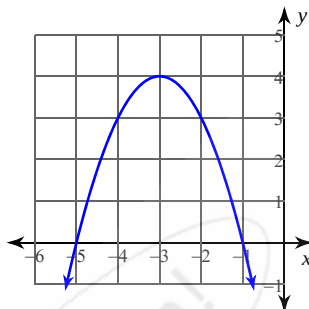
3)



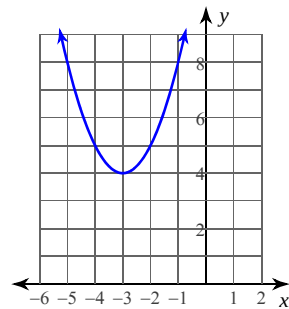
4)



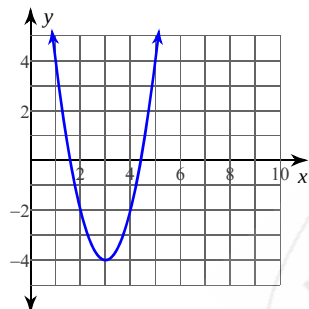
5)



6)



7)



8)

