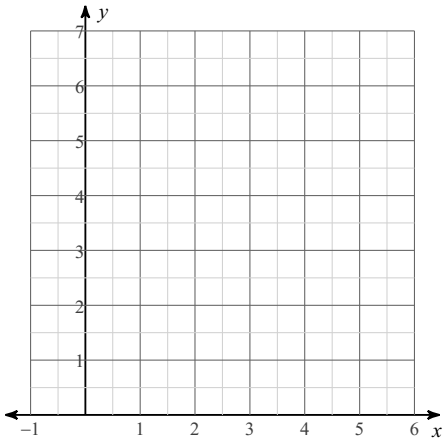
Algebra 1B Name_____ ID: 1

Graphing Quadratic Functions, cont

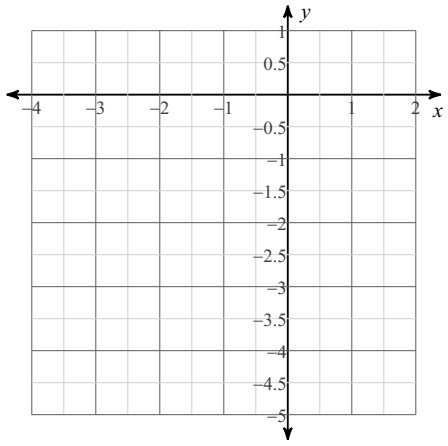
Date_____ Period____

Sketch the graph of each function. Include as many accurate points as you can. Name the vertex and axis of symmetry.

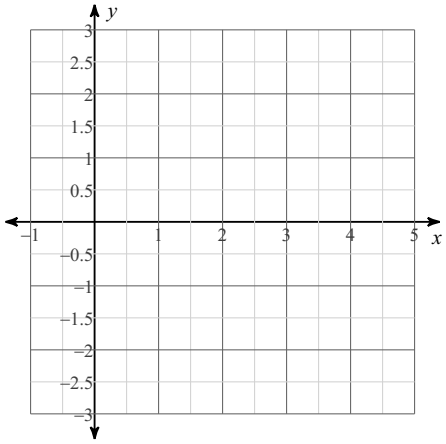
1) $y = (x-4)^2 + 2$



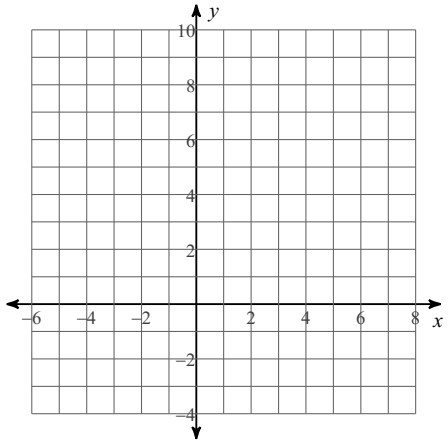
2) $f(x) = (x+1)^2 - 4$



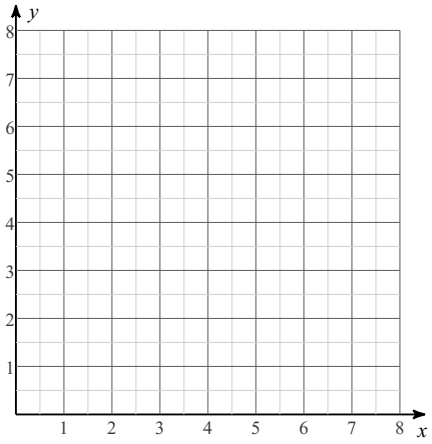
3) $f(x) = -(x-2)^2 + 2$



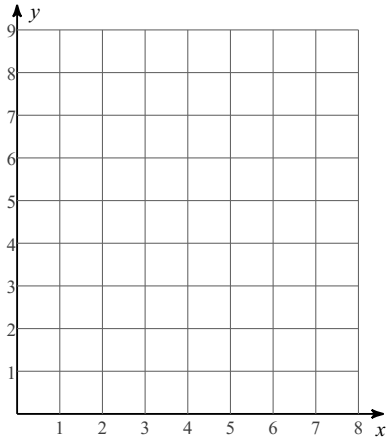
4) $f(x) = 3(x-1)^2 - 3$



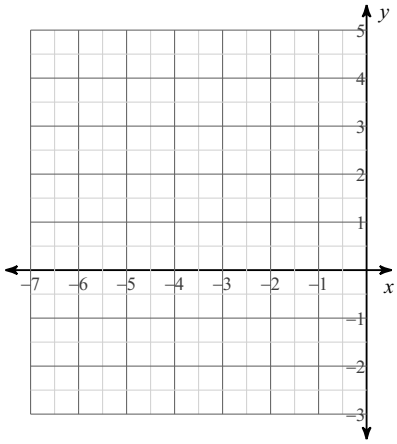
5) $y = x^2 - 6x + 12$



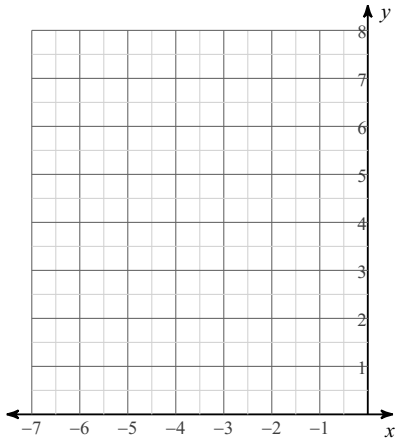
6) $y = x^2 - 4x + 8$



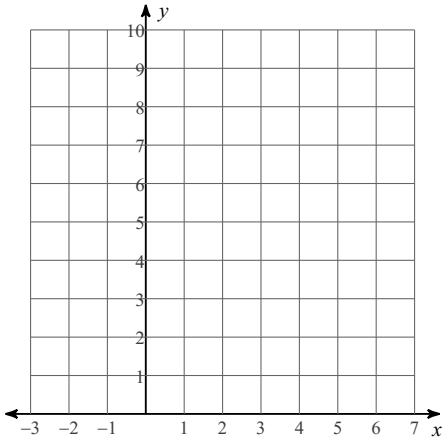
7) $y = x^2 + 8x + 15$



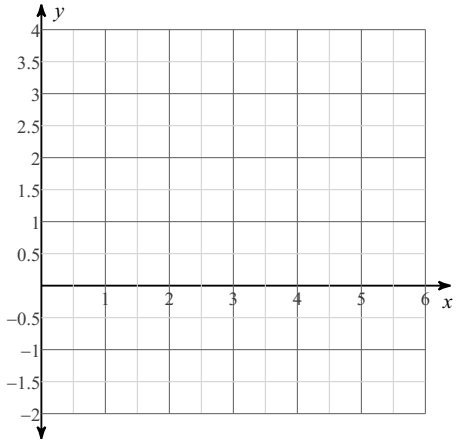
8) $y = x^2 + 8x + 19$



9) $y = 2x^2 - 8x + 9$

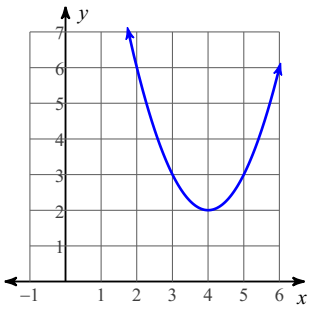


10) $y = -x^2 + 6x - 6$



Answers to Graphing Quadratic Functions, cont (ID: 1)

1)



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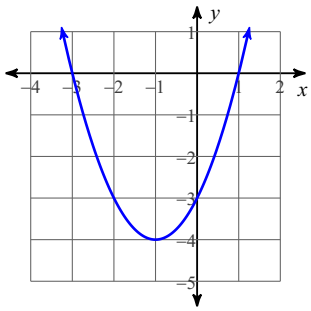

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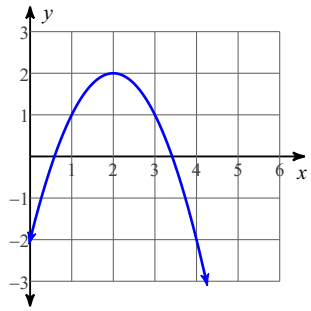
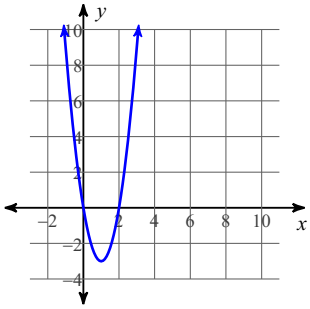
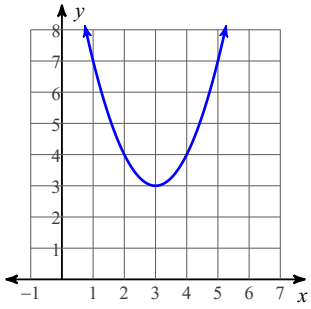


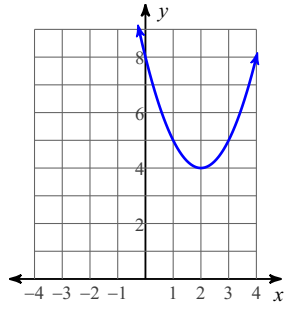
4)



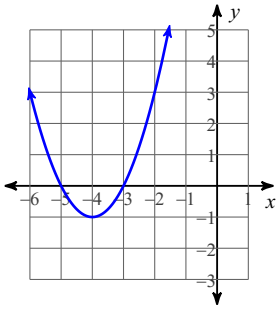
5)



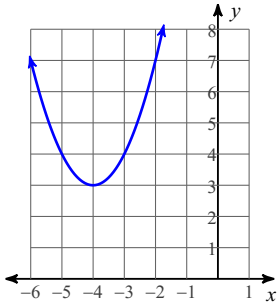
6)



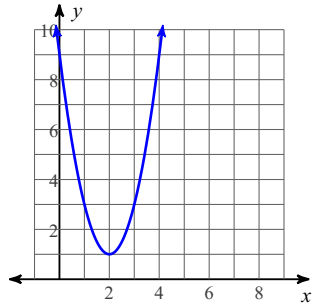
7)



8)



9)



10)