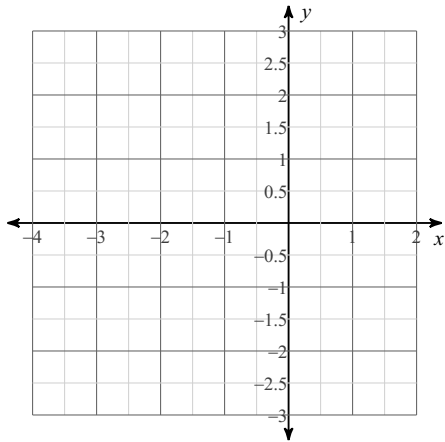


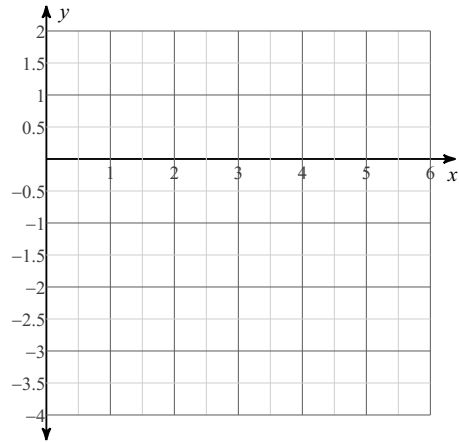
Assignment

Sketch the graph of each function.

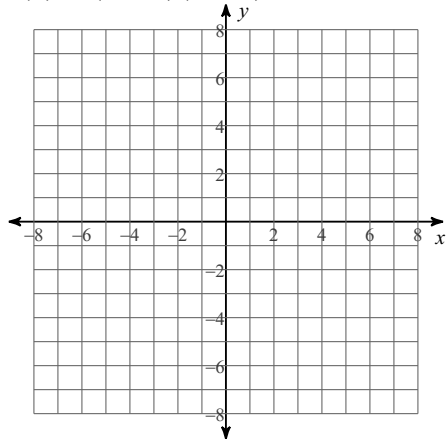
1) $y = x^2 + 4x + 2$



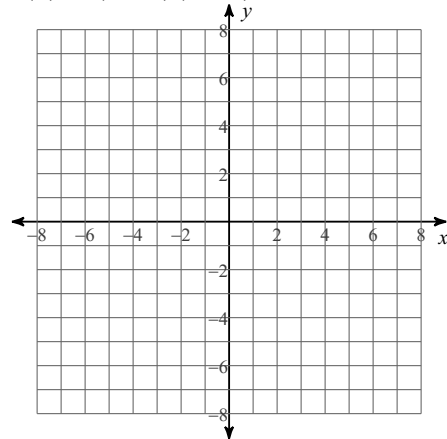
2) $y = x^2 - 4x + 1$



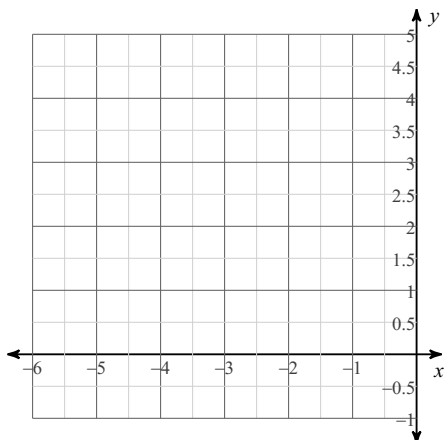
3) $f(x) = (x + 4)(x + 2)$



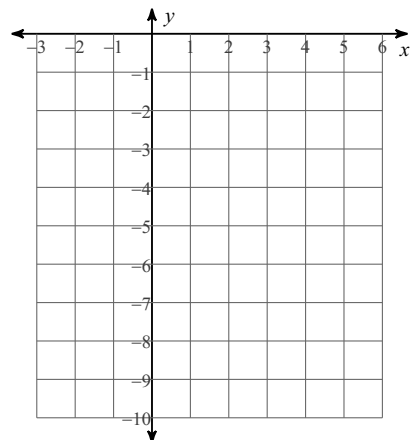
4) $f(x) = (x - 1)(x - 5)$



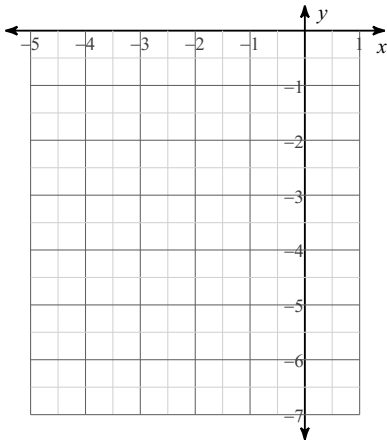
5) $y = -(x + 3)^2 + 4$



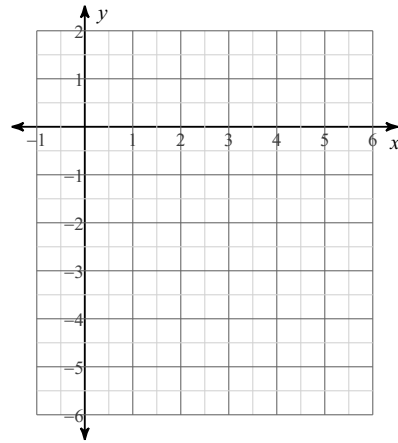
6) $y = -2(x - 4)^2 - 1$



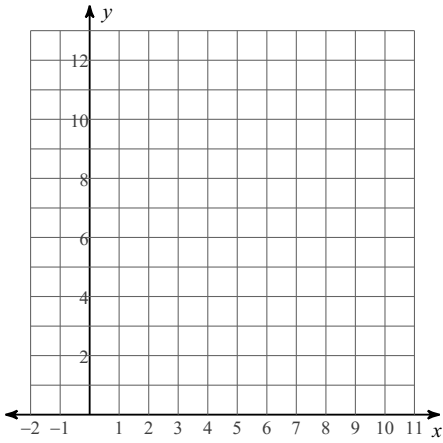
7) $f(x) = -(x + 3)^2 - 2$



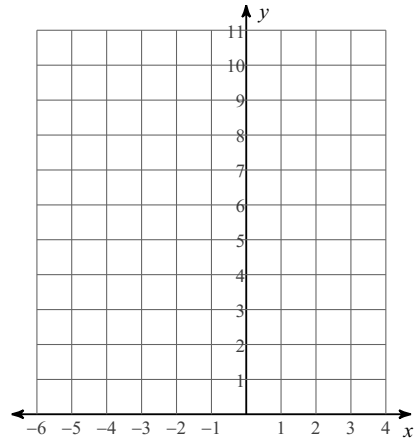
8) $f(x) = (x - 4)^2 - 4$



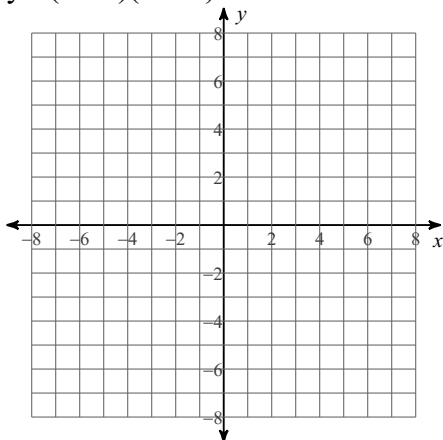
9) $f(x) = 2x^2 - 16x + 36$



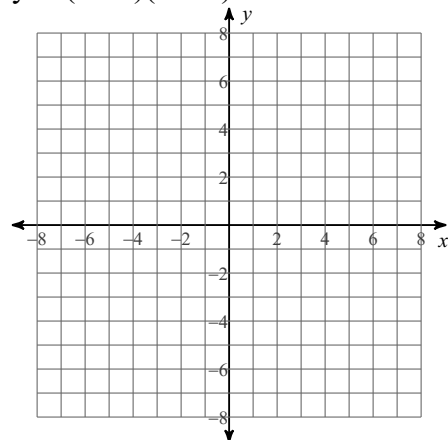
10) $f(x) = 2x^2 + 4x + 4$



11) $y = (x - 5)(x + 3)$

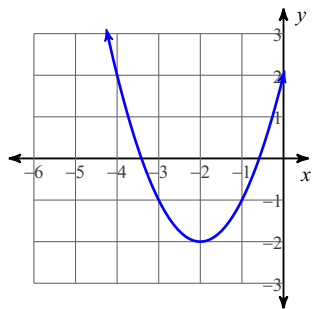


12) $y = -(x - 3)(x + 3)$

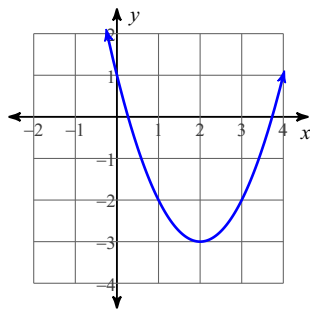


Answers to Assignment (ID: 1)

1)



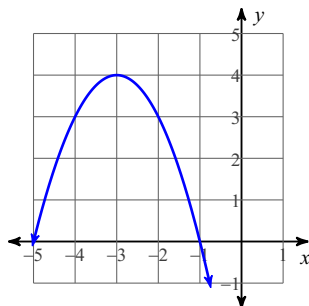
2)



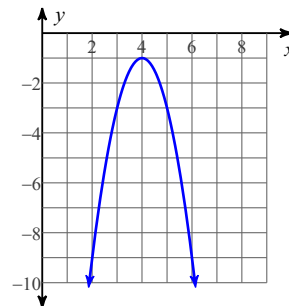
3)

4)

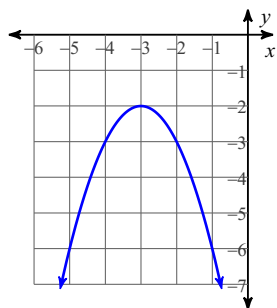
5)



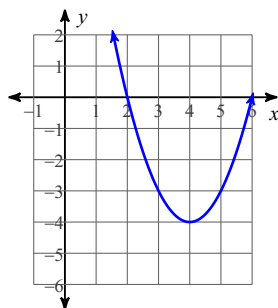
6)



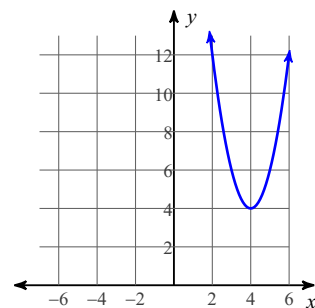
7)



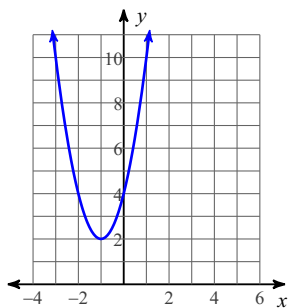
8)



9)



10)



11)

12)