

## Multiple Choice

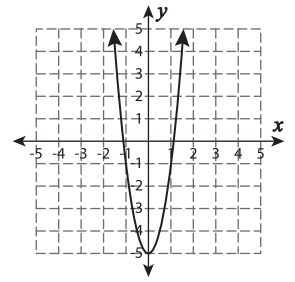
Sheet 3

1) Which of the following function represents the graph?

a)  $f(x) = x^2 - 5$

b)  $f(x) = 4x^2 - 5$

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

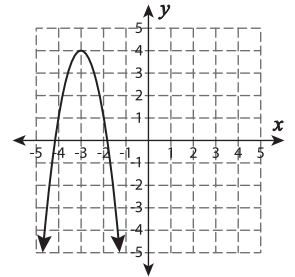


2) Which of the following function represents the graph?

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

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

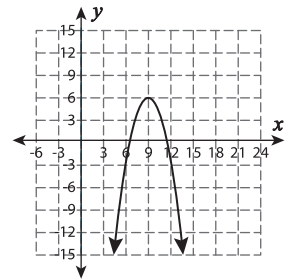
c)  $f(x) = -3(x + 3)^2 + 4$



3) Which of the following

a)  $f(x) = -(x - 9)^2 + 6$

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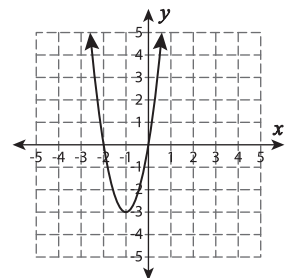
4) Which of the following

a)  $f(x) = -3(x + 9)^2 - 4$

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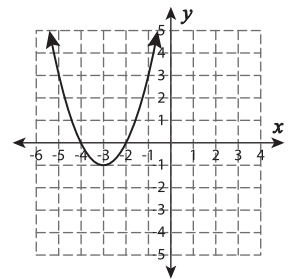


5) Which of the following

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

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

c)  $f(x) = x^2 - 6x + 8$



6) Which of the following function represents the graph?

a)  $f(x) = 4x^2 + 16x + 16$

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

c)  $f(x) = -8(x - 5)^2$

