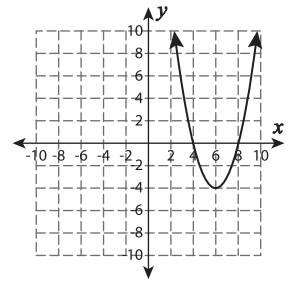


## Multiple Choice

Sheet 2

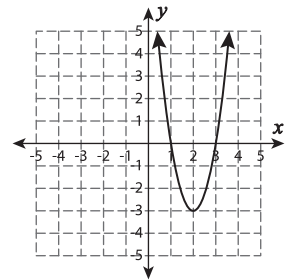
1) Which of the following function represents the graph?

a)  $f(x) = x^2 + 12x + 32$     b)  $f(x) = \frac{1}{4}(x - 1)^2 + 9$     c)  $f(x) = (x - 6)^2 - 4$



2) Which of the following function represents the graph?

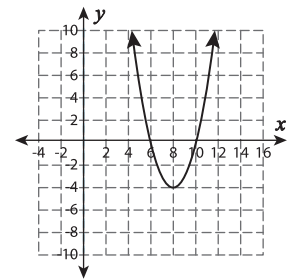
a)  $f(x) = 3x^2 + 12x + 9$     b)  $f(x) = 3(x - 3)(x - 1)$     c)  $f(x) = -3(x - 4)(x + 1)$



3) Which of the followi

a)  $f(x) = x^2 + 6x - 10$

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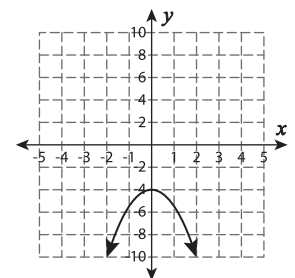
4) Which of the followi

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

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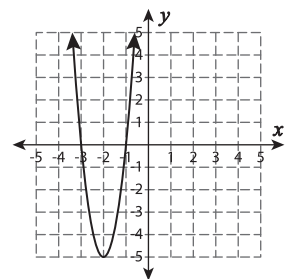
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5) Which of the followi

a)  $f(x) = 5x^2 - 20x + 15$     b)  $f(x) = 5(x + 2)^2 - 5$     c)  $f(x) = \frac{1}{6}(x + 3)^2 + 7$



6) Which of the following function represents the graph?

a)  $f(x) = -x^2 + 8x + 12$     b)  $f(x) = x^2 + 7x + 5$     c)  $f(x) = -(x + 2)(x + 6)$

