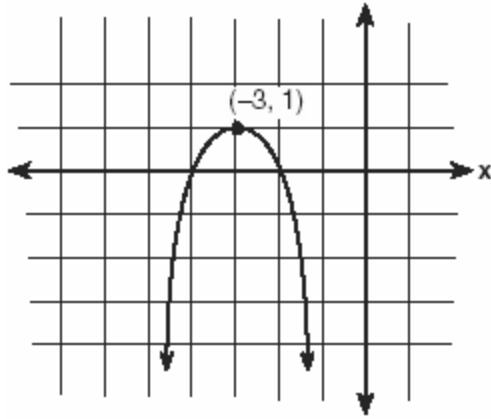


NAME: _____

1. 010303b, P.I. A.G.4

Which equation represents the parabola shown in the accompanying graph?



[A] $f(x) = (x+1)^2 - 3$

[B] $f(x) = -(x+3)^2 + 1$

[C] $f(x) = -(x-3)^2 - 3$

[D] $f(x) = -(x-3)^2 + 1$

2. 060611b, P.I. A.A.41

The graph of $y = (x-3)^2$ is shifted left 4 units and down 2 units. What is the axis of symmetry of the transformed graph?

[A] $x = -2$

[B] $x = 7$

[C] $x = -1$

[D] $x = 1$

[1] B

[2] C