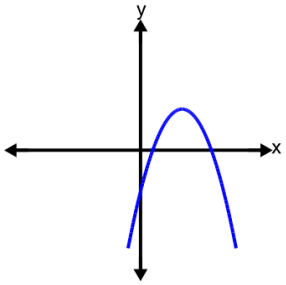
Name

Quadratics Vertex Form - Graph to Equation

1 Which quadratic function could create this graph?



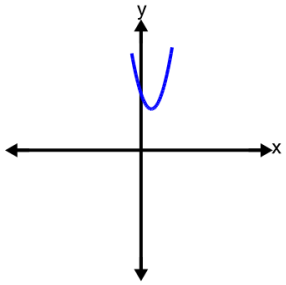
A $y = 0.5(x+4)^2+4$

B $y = 0.5(x-4)^2+4$

C $y = -0.5(x-4)^2+4$

D $y = -0.5(x-4)^2-4$

2 Which quadratic function could create this graph?



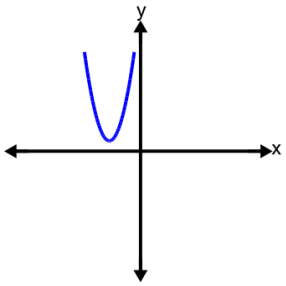
A $y = 1.5(x-1)^2+4$

B $y = 1.5(x+1)^2+4$

C $y = -1.5(x-1)^2+4$

D $y = 1.5(x-1)^2-4$

3 Which quadratic function could create this graph?



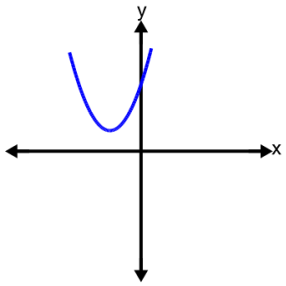
A $y = -1.5(x+3)^2-1$

B $y = -1.5(x-3)^2-1$

C $y = -1.5(x+3)^2+1$

D $y = 1.5(x+3)^2+1$

4 Which quadratic function could create this graph?



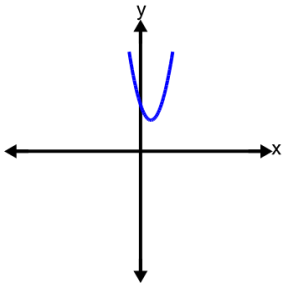
A $y = 0.5(x-3)^2+2$

B $y = -0.5(x+3)^2-2$

C $y = 0.5(x+3)^2+2$

D $y = 0.5(x-3)^2-2$

5 Which quadratic function could create this graph?



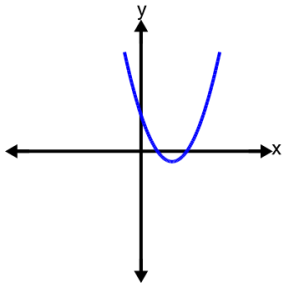
A $y = 1.5(x-1)^2-3$

B $y = -1.5(x-1)^2+3$

C $y = 1.5(x+1)^2+3$

D $y = 1.5(x-1)^2+3$

6 Which quadratic function could create this graph?



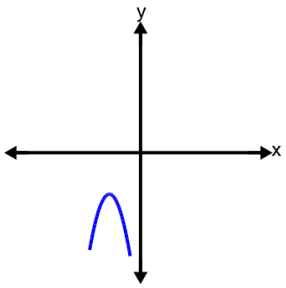
A $y = -0.5(x-3)^2-1$

B $y = 0.5(x-3)^2-1$

C $y = -0.5(x+3)^2+1$

D $y = 0.5(x+3)^2-1$

7 Which quadratic function could create this graph?



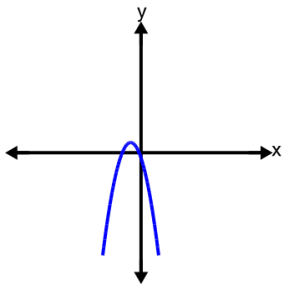
A $y = 1.5(x+3)^2+4$

B $y = -1.5(x+3)^2-4$

C $y = 1.5(x-3)^2-4$

D $y = 1.5(x+3)^2-4$

8 Which quadratic function could create this graph?



A $y = -1.5(x-1)^2+1$

B $y = -1.5(x+1)^2+1$

C $y = -1.5(x+1)^2-1$

D $y = 1.5(x+1)^2+1$