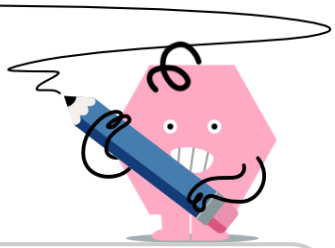
Name

Quadratics Vertex Form - Min/Max Y to Equation



1 What function would have this min/max of y?

Max: 3

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

2 What function would have this min/max of y?

Min: 1

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

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

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

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

3 What function would have this min/max of y?

Min: -3

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

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

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

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

4 What function would have this min/max of y?

Max: -3

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

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

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

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

5 What function would have this min/max of y?

Min: -2

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

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

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

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

6 What function would have this min/max of y?

Min: 4

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

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

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

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

7 What function would have this min/max of y?

Max: -1

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

8 What function would have this min/max of y?

Min: -1

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