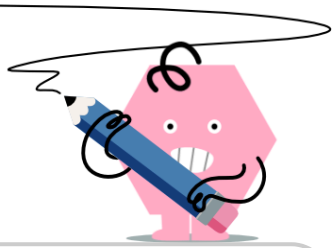
Name

Quadratics Vertex Form - Equation to Min/Max Y



1 What would the min/max y-value of this function be?

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

A	Max: -4	B	Max: 0.5
C	Min: -4		

2 What would the min/max y-value of this function be?

$$y = -0.5(x + 4)^2 + 3$$

A	Max: -0.5	B	Min: -4
C	Max: 3	D	Max: -4

3 What would the min/max y-value of this function be?

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

A	Min: 4	B	Min: 1.5
C	Min: 3		

4 What would the min/max y-value of this function be?

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

A	Max: -4	B	Max: -1.5

5 What would the min/max y-value of this function be?

$$y = -0.5(x - 4)^2 - 1$$

A	Max: -1	B	Min: -0.5
C	Max: 4		

6 What would the min/max y-value of this function be?

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

A	Min: -1	B	Min: 2
C	Max: 4	D	Max: 2

7 What would the min/max y-value of this function be?

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

A	Max: -1	B	Max: -4

8 What would the min/max y-value of this function be?

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

A	Max: 0.5	B	Min: -4
C	Min: 4		