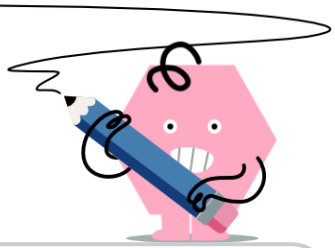
Name

Quadratics Vertex Form - Range to Equation



1 What function would have this range? $(-\infty, -3]$

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

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

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

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

2 What function would have this range? $(-\infty, -1]$

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

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

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

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

3 What function would have this range? $[-4, \infty)$

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

4 What function would have this range? $[4, \infty)$

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

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

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

5 What function would have this range? $(-\infty, -4]$

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

6 What function would have this range? $(-\infty, 4]$

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

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

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

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

7 What function would have this range? $(-\infty, 2]$

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

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

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

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

8 What function would have this range? $[-1, \infty)$

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