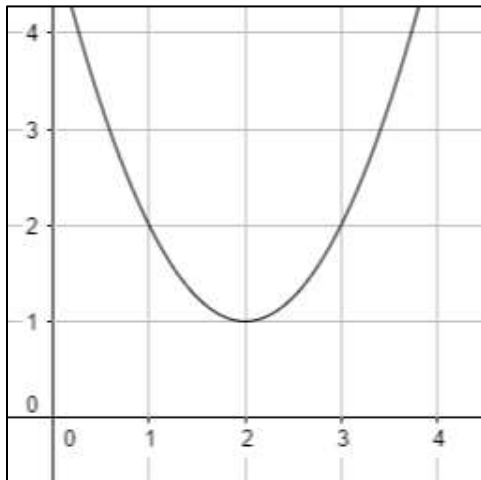


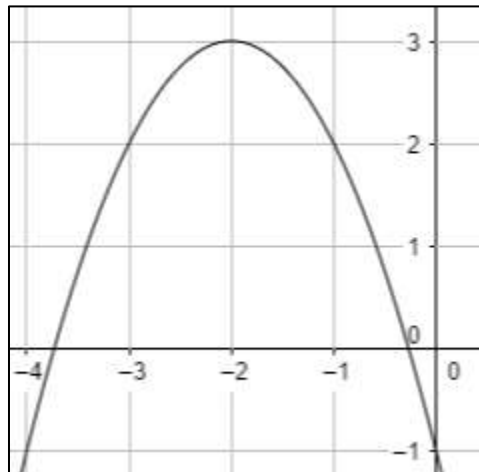
# Quadratic Graphs and Their Properties Assignment

Identify the vertex of each graph. Also tell whether the vertex is a minimum or a maximum.

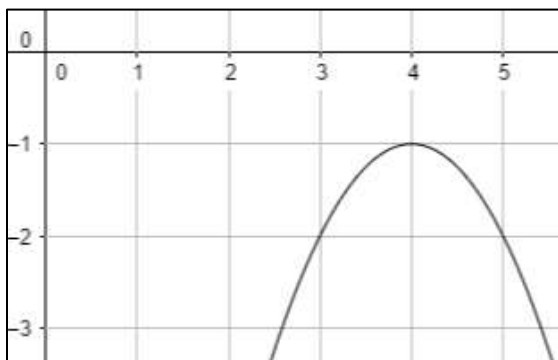
1.



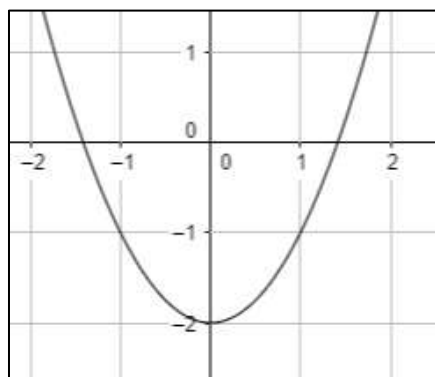
2.



3.



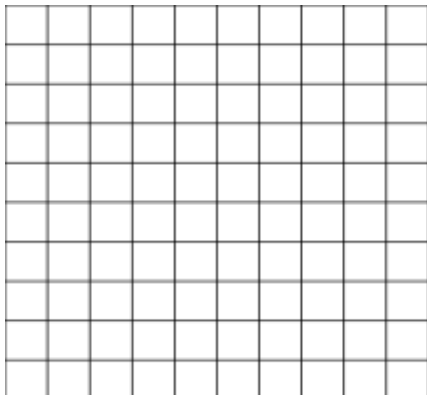
4.



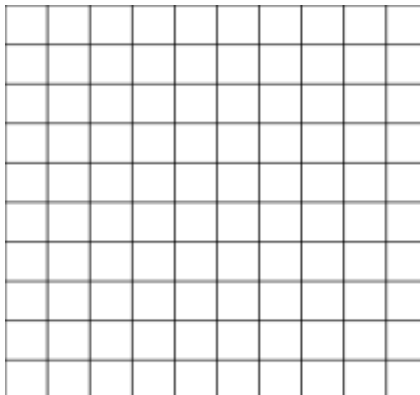
# Quadratic Graphs and Their Properties Assignment

Graph each quadratic function.

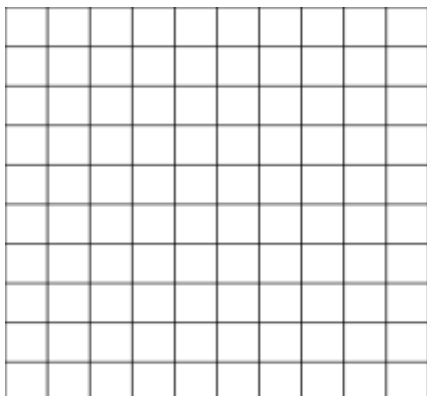
1.  $y = 2x^2$



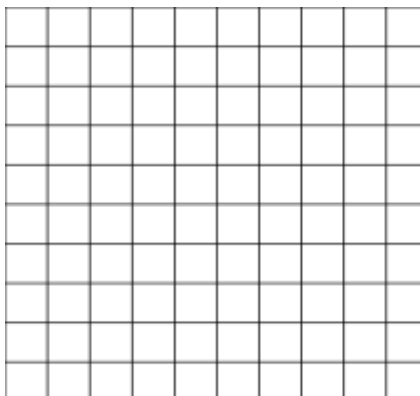
2.  $y = -1.5x^2$



3.  $y = x^2 - 1$



4.  $y = -3x^2 + 2$



Identify the domain and range of each function.

1.  $y = x^2$

2.  $y = x^2 - 3$

3.  $y = 10x^2 + 0.5$