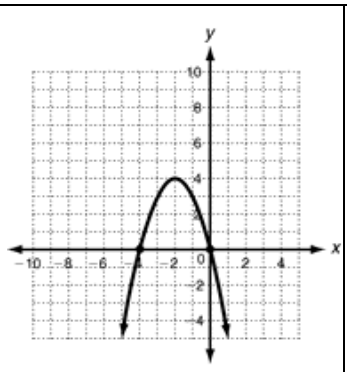
Algebra 1 Worksheet
Characteristics of Quadratic Functions

Name _____
Per ___ Date _____

Determine the value of the zeros, the equation of the axis of symmetry, the y-intercept and the vertex.

1.



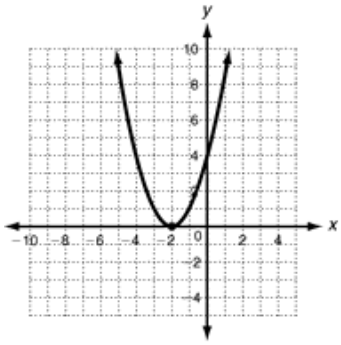
Y-intercept:

Zeros/x-intercepts:

Axis of symmetry:

Vertex:

2.



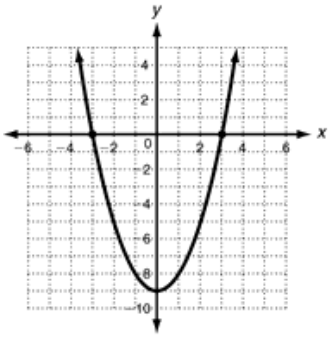
Y-intercept:

Zeros/x-intercepts:

Axis of symmetry:

Vertex:

3.



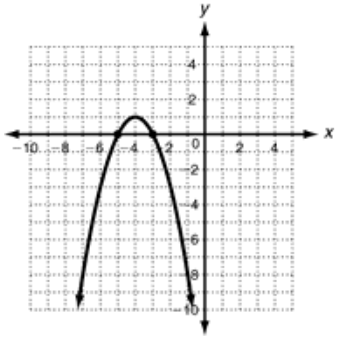
Y-intercept:

Zeros/x-intercepts:

Axis of symmetry:

Vertex:

4.



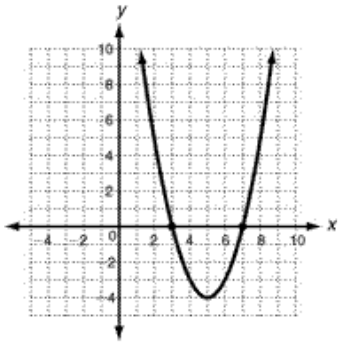
Y-intercept:

Zeros/x-intercepts:

Axis of symmetry:

Vertex:

5.



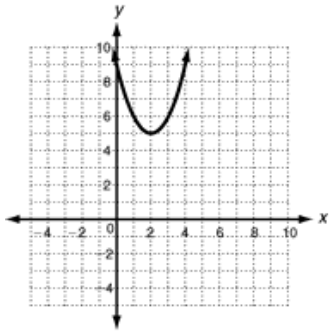
Y-intercept:

Zeros/x-intercepts:

Axis of symmetry:

Vertex:

6.



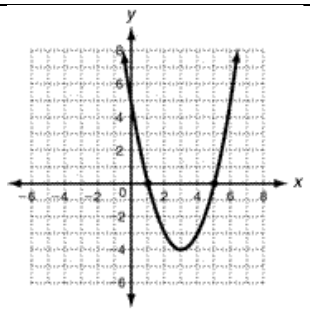
Y-intercept:

Zeros/x-intercepts:

Axis of symmetry:

Vertex:

7.



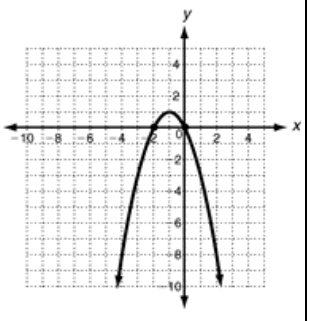
Y-intercept:

Zeros/x-intercepts:

Axis of symmetry:

Vertex:

8.



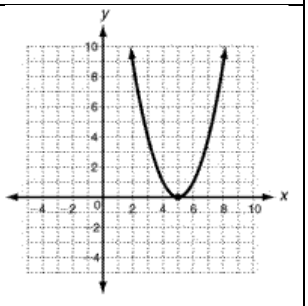
Y-intercept:

Zeros/x-intercepts:

Axis of symmetry:

Vertex:

9.



Y-intercept:

Zeros/x-intercepts:

Axis of symmetry:

Vertex: