Name: _____ Date: _____

Graphing Quadratics Review

1. Fill in the blank spaces with a appropriate words.

[a] It is the turning point of the parabola _____

[b] The shape of a quadratic function _____

[c] Write the standard form of a quadratic function _____

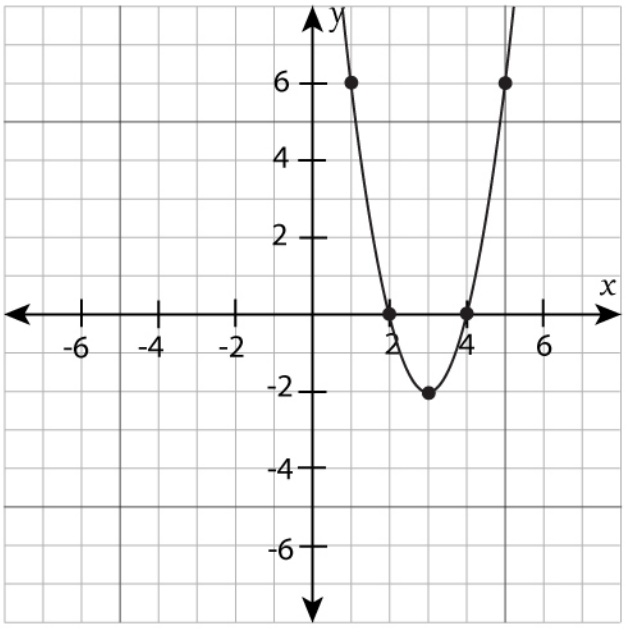
[d] It is an imaginary line that divides a parabola in two halves _____

[e] When the vertex is the highest point in a graph, it is called _____

[f] When the vertex is the lowest point in a graph, it is called _____

2. Look at the below graphs and answer the questions that follow.

[a]



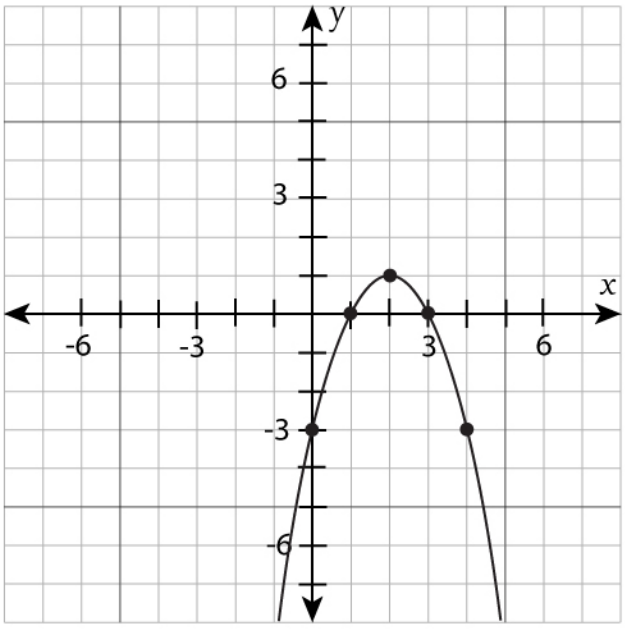
Axis of symmetry: _____

Vertex: _____

How many zeros? _____

And they are: _____

[b]



Axis of symmetry: _____

Vertex: _____

How many zeros? _____

And they are: _____

Name: _____ Date: _____

MATH MONKS

Graphing Quadratics Review

Answers

1. Fill in the blank spaces with a appropriate words.

[a] It is the turning point of the parabola — Vertex

[b] The shape of a quadratic function — Parabola

[c] Write the standard form of a quadratic function — $ax^2 + bx + c$

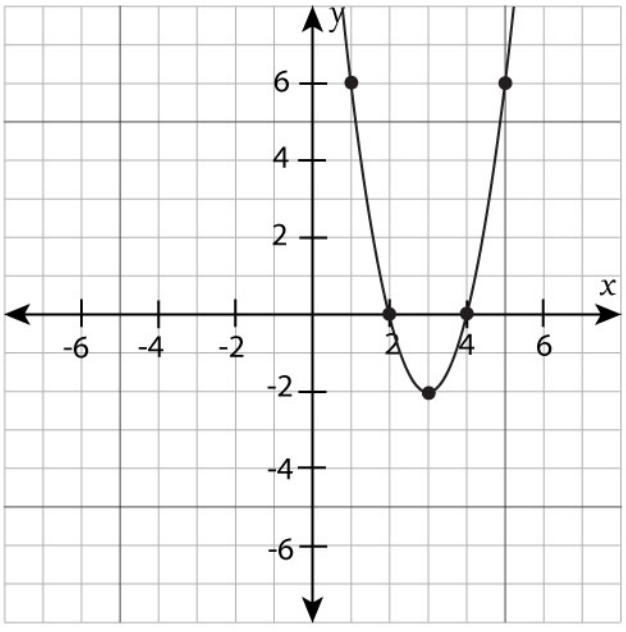
[d] It is an imaginary line that divides a parabola in two halves — Axis of Symmetry

[e] When the vertex is the highest point in a graph, it is called — Maximum

[f] When the vertex is the lowest point in a graph, it is called — Minimum

2. Look at the below graphs and answer the questions that follow.

[a]



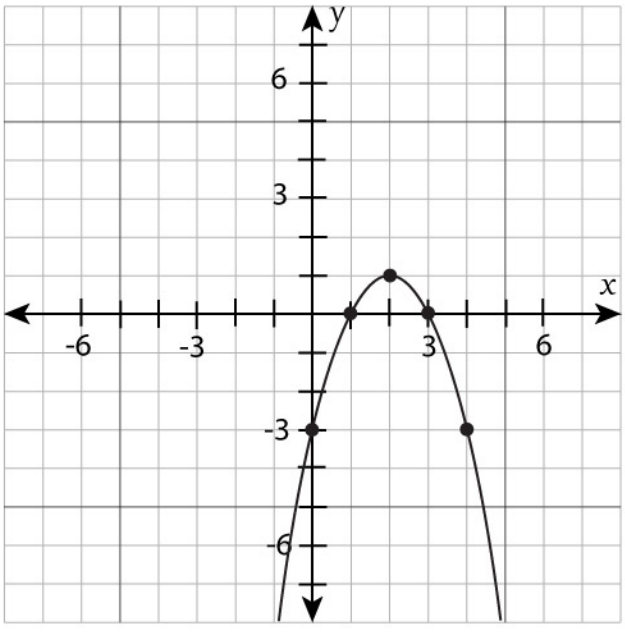
Axis of symmetry: $x = 3$

Vertex: (3, -2)

How many zeros? 2

And they are: 2, 4

[b]



Axis of symmetry: $x = 2$

Vertex: (2, 1)

How many zeros? 2

And they are: 1, 3