Standard Form Graphing Practice

Name: _____

Graph the equation. Label the vertex and axis of symmetry. Include your table of values.

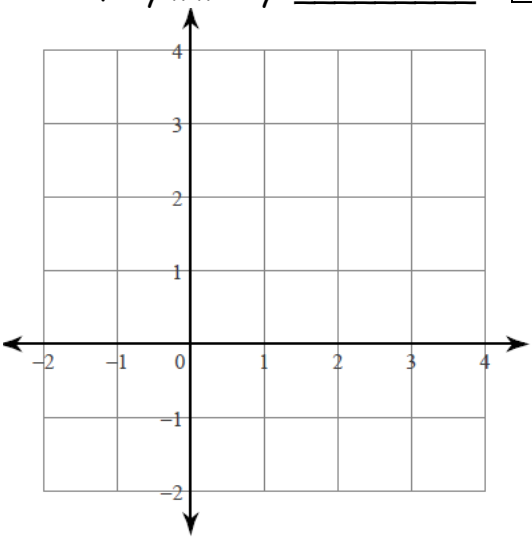
$y = x^2 - 2x$

a = _____ b = _____ c = _____

Vertex: _____

Axis of Symmetry: _____

x	y



Graph the equation. Label the vertex and axis of symmetry. Include your table of values.

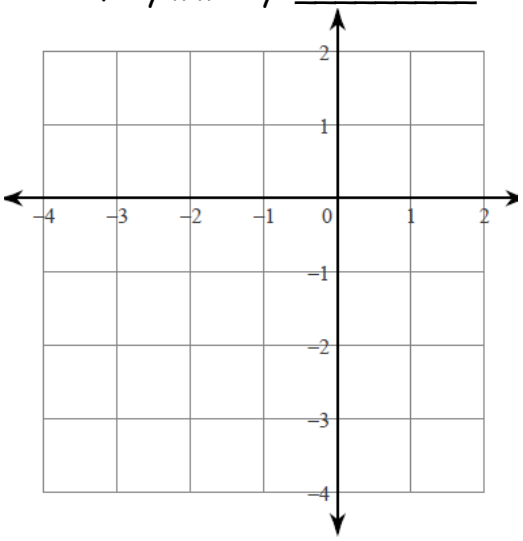
$y = x^2 + 2x - 2$

a = _____ b = _____ c = _____

Vertex: _____

Axis of Symmetry: _____

x	y



Graph the equation. Label the vertex and axis of symmetry. Include your table of values.

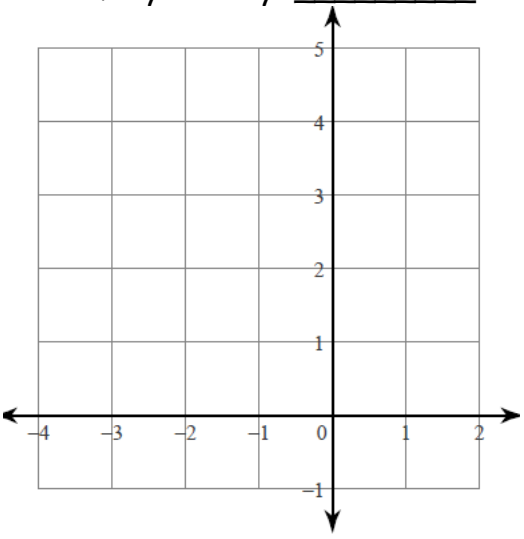
$y = -x^2 - 2x + 3$

a = _____ b = _____ c = _____

Vertex: _____

Axis of Symmetry: _____

x	y



Graph the equation. Label the vertex and axis of symmetry. Include your table of values.

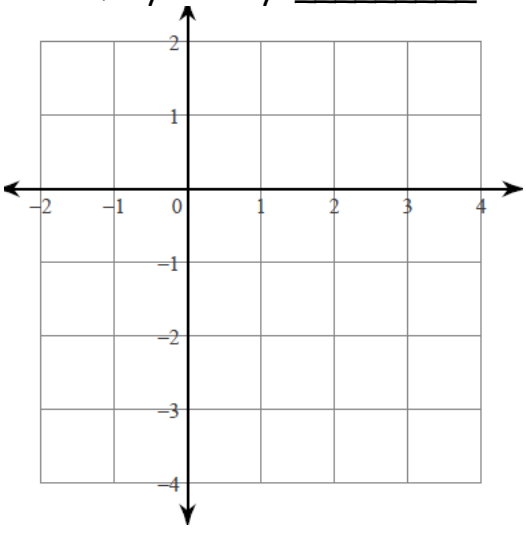
$y = -x^2 + 4x - 3$

a = _____ b = _____ c = _____

Vertex: _____

Axis of Symmetry: _____

x	y



Graph the equation. Label the vertex and axis of symmetry. Include your table of values.

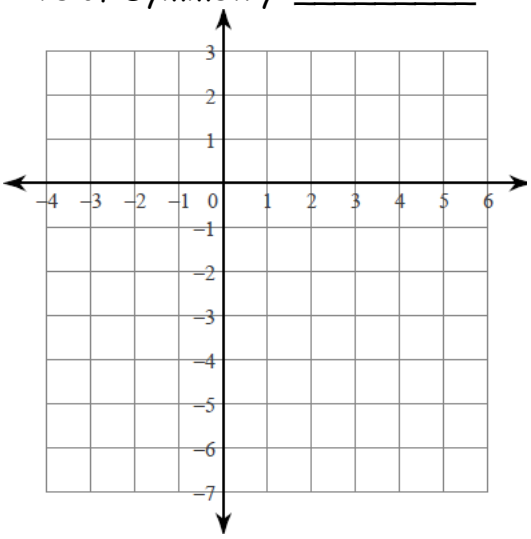
$y = -2x^2 + 4x$

a = _____ b = _____ c = _____

x	y

Vertex: _____

Axis of Symmetry: _____



Graph the equation. Label the vertex and axis of symmetry. Include your table of values.

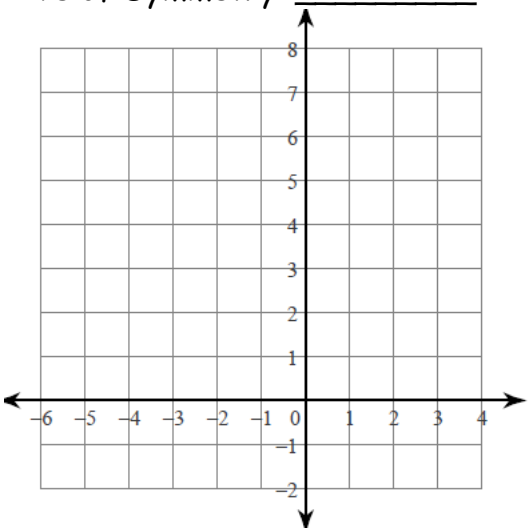
$y = 2x^2 + 4x + 1$

a = _____ b = _____ c = _____

x	y

Vertex: _____

Axis of Symmetry: _____



Graph the equation. Label the vertex and axis of symmetry. Include your table of values.

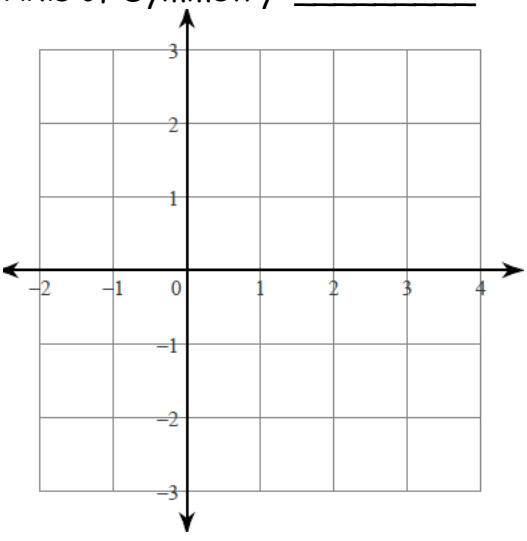
$y = -x^2 + 4x - 2$

a = _____ b = _____ c = _____

x	y

Vertex: _____

Axis of Symmetry: _____



Graph the equation. Label the vertex and axis of symmetry. Include your table of values.

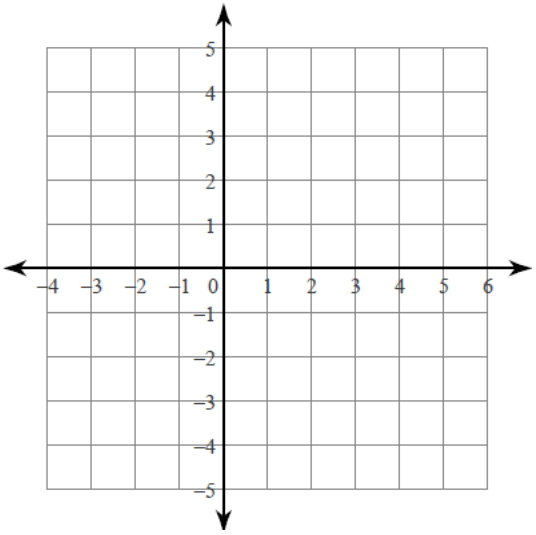
$y = 2x^2 - 4x - 2$

a = _____ b = _____ c = _____

x	y

Vertex: _____

Axis of Symmetry: _____



Graph the equation. Label the vertex and axis of symmetry. Include your table of values.

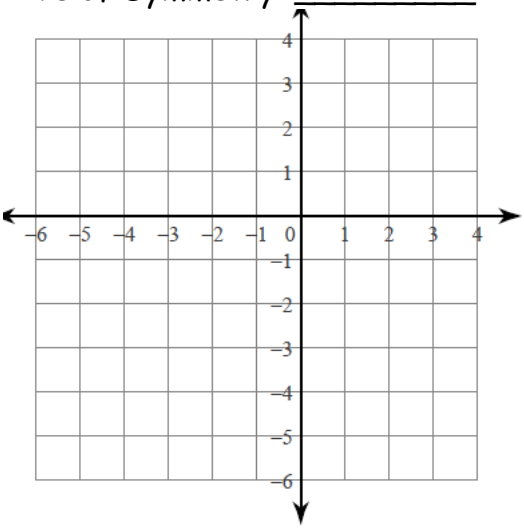
$y = -2x^2 - 8x - 5$

a = _____ b = _____ c = _____

x	y

Vertex: _____

Axis of Symmetry: _____



Graph the equation. Label the vertex and axis of symmetry. Include your table of values.

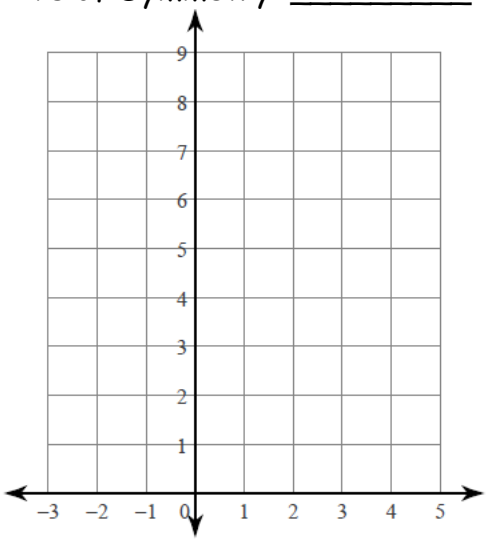
$y = x^2 - 2x + 5$

a = _____ b = _____ c = _____

x	y

Vertex: _____

Axis of Symmetry: _____



Graph the equation. Label the vertex and axis of symmetry. Include your table of values.

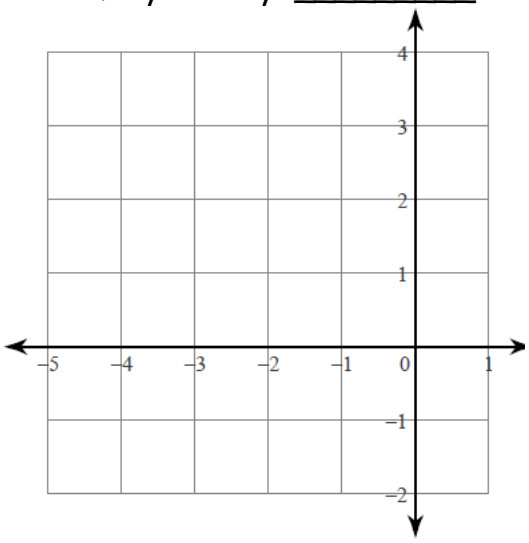
$y = x^2 + 4x + 3$

a = _____ b = _____ c = _____

x	y

Vertex: _____

Axis of Symmetry: _____



Graph the equation. Label the vertex and axis of symmetry. Include your table of values.

$y = -x^2 - 2x$

a = _____ b = _____ c = _____

x	y

Vertex: _____

Axis of Symmetry: _____