

Name:

Date:

Period:

Graph the following quadratic equations. Label the vertex and axis of symmetry.

1. $y = x^2 - 5$

x	y

Vertex: _____

AOS: _____

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6. $y = 4x^2$

x	y

Vertex: _____

AOS: _____

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

x	y

Vertex: _____

AOS: _____

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7. $y = x^2 + 1$

x	y

Vertex: _____

AOS: _____

--	--

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

x	y

Vertex: _____

AOS: _____

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8. $y = x^2 - 4$

x	y

Vertex: _____

AOS: _____

--	--

4. $y = -x^2$

x	y

Vertex: _____

AOS: _____

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9.* $y = x^2 + x - 6$

x	y

Vertex: _____

AOS: _____

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5. $y = \frac{1}{2}x^2$

x	y

Vertex: _____

AOS: _____

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10.* $y = x^2 - x - 2$

x	y

Vertex: _____

AOS: _____

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