

NAME _____

DATE _____

Module 14 Graphing Quadratic Relations
Lesson 1 Graphing Simple Quadratic Relations



**guided
practice**

Set 1

1. Find and graph the axis of symmetry for
 $y = -x^2 + 6x - 10$.

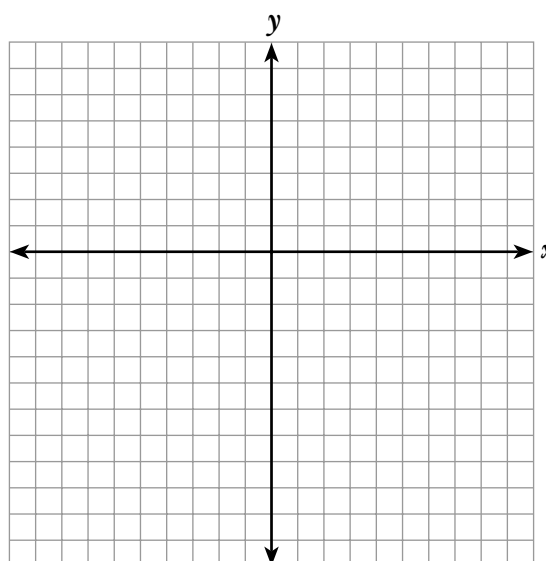
Axis of Symmetry: _____

2. Find and graph the vertex for
 $y = -x^2 + 6x - 10$.

Vertex: _____

3. Find and plot four other points on the graph of
 $y = -x^2 + 6x - 10$.

4. Graph $y = -x^2 + 6x - 10$.



5. Find and graph the axis of symmetry for
 $y = 4x + x^2 - 3$.

Axis of Symmetry: _____

6. Find and graph the vertex of
 $y = 4x + x^2 - 3$.

Vertex: _____

7. Find and plot four other points on the graph of
 $y = 4x + x^2 - 3$.

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

