

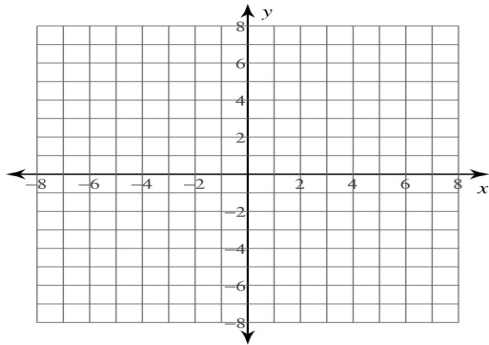
Name: _____

Date: _____

Vertex Form of Parabolas

Identify the vertex and axis of symmetry of each. Then sketch the graph.

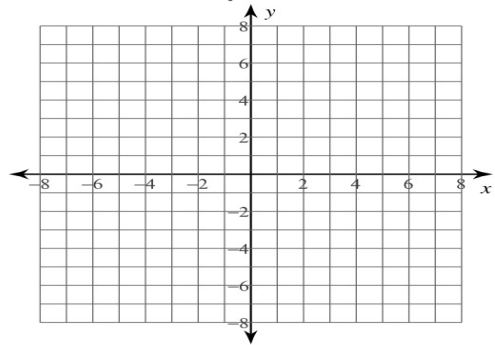
$$f(x) = -3(x - 2)^2 - 4$$



Vertex: _____

Axis of Sym.: _____

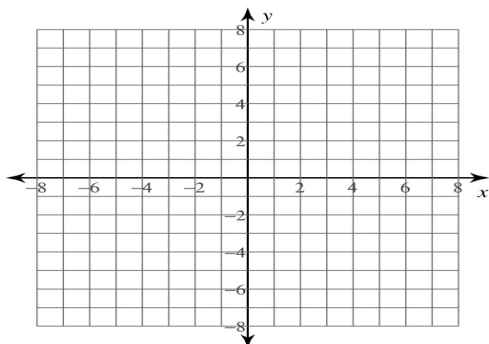
$$f(x) = -\frac{1}{4}(x - 1)^2 + 4$$



Vertex: _____

Axis of Sym.: _____

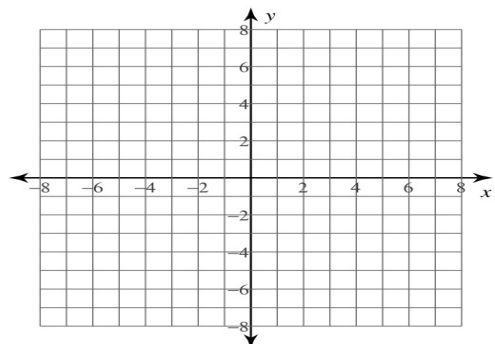
$$f(x) = -2(x + 5)^2 - 3$$



Vertex: _____

Axis of Sym.: _____

$$f(x) = (x + 2)^2 - 1$$



Vertex: _____

Axis of Sym.: _____