

Algebra 2
Unit: Conic Sections
Section: Parabolas

Review Worksheet

1) Name the vertex, directrix and focus of the following parabolas. Then graph the parabola.

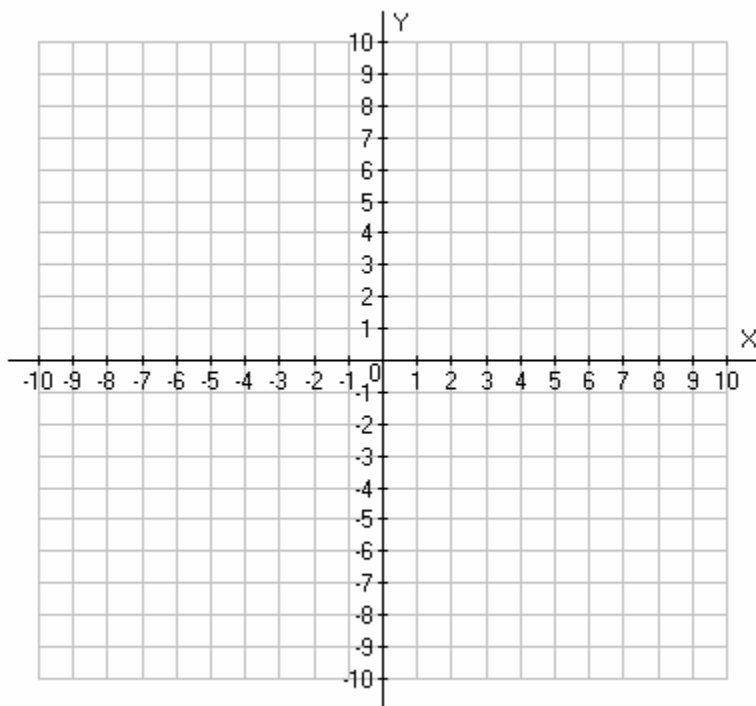
a. $y = \frac{1}{8}x^2$

Vertex:

Directrix:

Focus:

Graph:



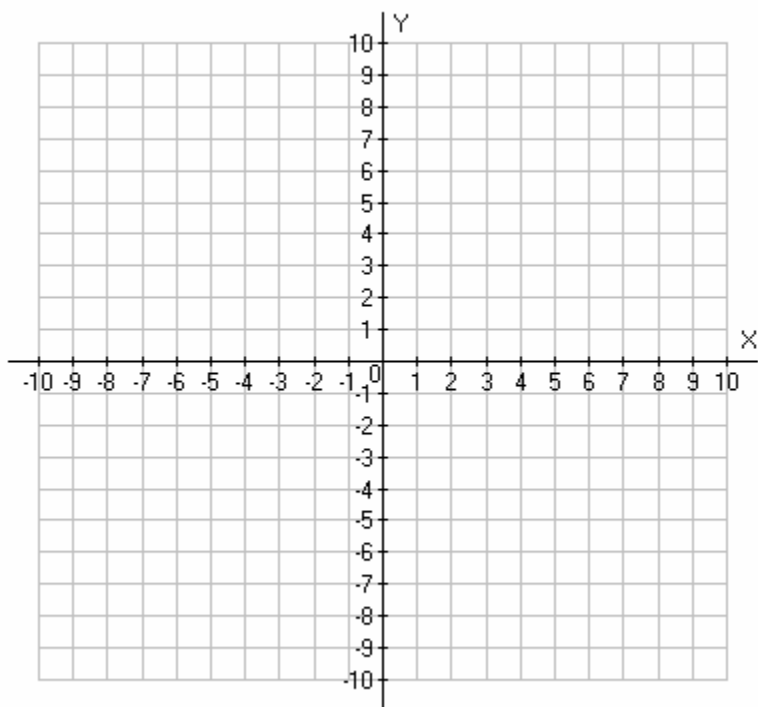
b. $x - 2 = \frac{1}{12}(y + 3)^2$

Vertex:

Directrix:

Focus:

Graph:



c. $y - 4 = -\frac{1}{16}(x + 1)^2$

Vertex:

Directrix:

Focus:

Graph:

