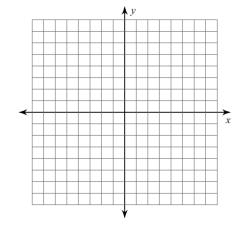
CONIC SECTIONS PRACTICE PROBLEMS

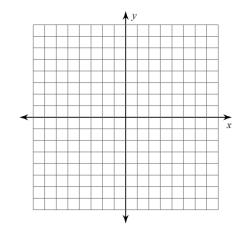
1. $y = -(x+1)^2 - 2$

Vertex is (_____, ____); It opens _____.



2.
$$(x+1)^2 + (y-4)^2 = 9$$

center is (_____, _____); radius is _____



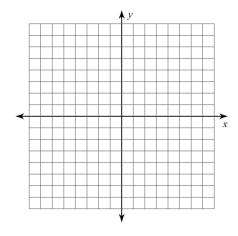
$$\frac{x^2}{4} + \frac{y^2}{9} = 1$$

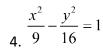
Center is (____, ___)

The major axis is parallel to the ____-axis

The length of the major axis is _____.

The length of the minor axis is _____.





center is (_____, ____)

Asymptotes are _____ & ____

Vertices are (____, ____) & (____, ____)

