

Worksheet 10.2

1. State the equation of the ellipse in standard form and label the characteristics listed. Graph the ellipse and label everything.

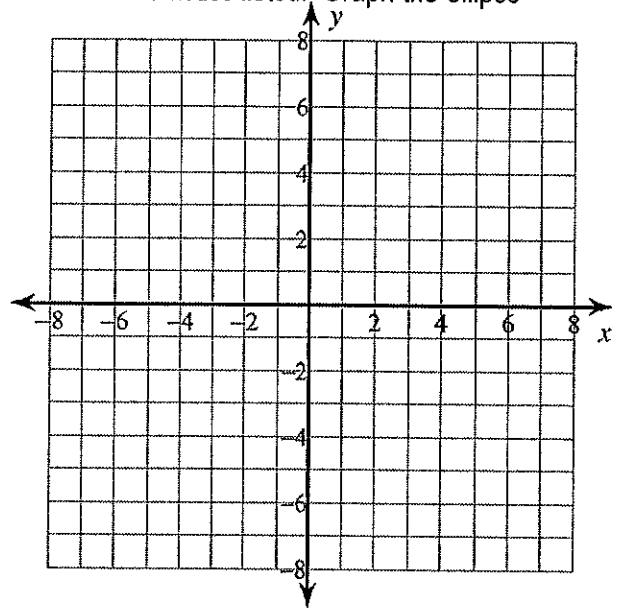
$$100x^2 + 9y^2 - 900 = 0$$

Equation: _____

Major vertices: _____

Minor vertices: _____

Foci: _____



2. State the equation of the ellipse in standard form and label the characteristics listed. Graph the ellipse and label everything.

$$\frac{(x-1)^2}{25} + \frac{(y+3)^2}{4} = 1$$

Equation: _____

Major vertices: _____

Minor vertices: _____

Foci: _____

