

In class assignment 11-Conic Sections

Name: _____

December 9, 2014

Directions: Work in groups to complete the following problems.

1. Determine the conic section represented by $9x^2 - 18x + 4y^2 = 27$. Find the vertices and foci. Sketch its graph.
2. Determine the conic section represented by $y + 12x - 2x^2 = 16$. Find the vertex, focus, and directrix. Sketch its graph.