

Math 126: Calculus II
Quiz 10 *November 23, 1999*

Name: _____
Section: _____

1. Identify the following conic section. Find its foci, vertices, center, asymptotes, and directrix as appropriate.

$$x^2 - 4x + 4y^2 = 0$$

2. What conic section does the equation

$$x^2 + 2xy - 2y^2 + x + y + 1 = 0$$

represent? Give a reason for your answer.