

04/26/2001

NAME:

**MATH 1151 QUIZ-13** (15 minutes)

**1. (5 points)** Find the vertex, focus and directrix the parabola  $y^2 + 12y = -x + 1$ , graph the equation.

**2. (5 points)** Find center, foci and vertices of the ellipse  $9x^2 + 4y^2 - 18x + 16y - 11 = 0$ , graph the equation.