Math 1100
Quiz 2
NO CALCULATORS

Print Name: _____ Circle Section Time: 10 or 11

1. [5 points] Plot the line given by $2x - 3y = 4$. Label the x & y intercepts.

2. [5 points] Find the equation in slope-intercept form for the line that passes through the points $(2, 8)$ & $(-1, 3)$.

3. [5 points] Plot the circle given by $(x-3)^2+(y+2)^2 = 9$. Label the center. What is the radius? (Double check to be sure you have the correct center.)

4. [10 points] Convert $x^2 + y^2 + 2x - 2y - 2 = 0$ into the standard form for an equation of a circle. What are the center and radius?