

Print Name: _____
Math 1100

Quiz 9

Circle Section Time: 10 or 11
NO CALCULATORS

1. [5 points] Graph $y = (x + 1)^2(x - 1)$. Label the intercepts.

2. [5 points] Divide $\frac{2x^4 + 3x^3 - x^2 + 2x - 7}{x^2 - 2x + 3}$. Show all work.

3. [5 points] Convert $x^2 + 2x + y^2 - 4y + 2 = 0$ into the standard form for the equation of a circle. Graph it. Label the center. What is the radius?