

Name: \_\_\_\_\_  
Math 109Q – Sections 01, 08  
Quiz #2 ~ Friday, September 7<sup>th</sup>

DIRECTIONS: Circle all answers and label all axes appropriately.

- 1)
  - a. Find the distance between the two points.
  - b. Find the midpoint of the line segment connecting the points.

$(3, -2), (-4, 6)$

- 2)
  - a. Find the center and the radius of the circle.
  - b. Sketch the graph

$$(x+1)^2 + (y+2)^2 = 25$$

