## **Equation of a Circle**

1) Write the equation for each circle.

a) Circle J with center J(2,2) and radius 4

b) Circle K that passes through M(6, 4) and has center K (1, -8)

2) Graph each equation.



b)  $(x-3)^2 + (y+4)^2 = 9$ 

## Group Practice:

- 1) Write the equation of each circle.
  - a) Circle L with center L(-5, -6) and radius 9.

b) Circle D that passes through (-2, -1) and has center D(2, 4)

2) Graph each equation.



