Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Per: \_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**![[image]]()![[image]]()Graph the following circles. State the center and radius.**

1. ****

Center: \_\_\_\_\_\_\_

Radius: \_\_\_\_\_\_

1. 

Center: \_\_\_\_\_\_\_\_\_

Radius: \_\_\_\_\_\_\_\_

1. **![[image]]()**

Center: \_\_\_\_\_\_\_

Radius: \_\_\_\_\_\_

1. ![[image]]()

Center: \_\_\_\_\_\_\_\_\_

Radius: \_\_\_\_\_\_\_\_

1. **![[image]]()**

Center: \_\_\_\_\_\_\_

Radius: \_\_\_\_\_\_

1. ![[image]]()

Center: \_\_\_\_\_\_\_\_\_

Radius: \_\_\_\_\_\_\_\_

**![[image]]()![[image]]()Write the equation of the circle in standard form. Then, convert to the general form.**

7. 8.

**Find the equation of the circle given the following information**

9.Radius 2, center (-1,-4)

10.Center (2,0) Point (5,4)

11.Diam. endpts (-2,4) (4,2)

**Write the standard equation for the circle. State the center and radius.**

1. ****
2. ****
3. ****
4. ****
5. ****
6. ****