

HW 6.4 Due 3/11 or 3/14

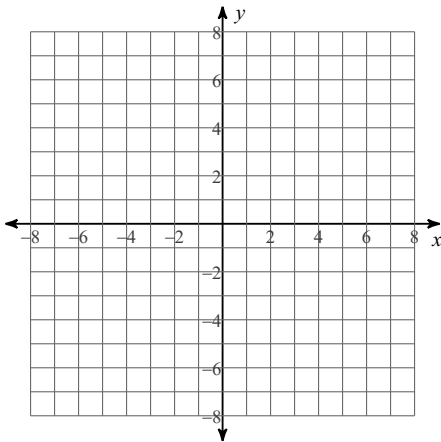
Use the information provided to write the equation of each circle.

1) Center: $(-6, -2)$
Radius: 4

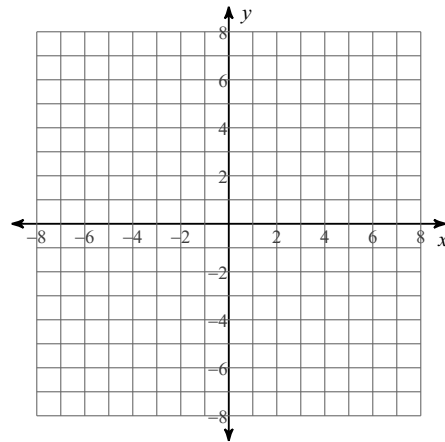
2) Center: $(-3, 13)$
Radius: $\sqrt{30}$

Identify the center and radius of each. Then sketch the graph.

3) $(x + 1)^2 + (y - 3)^2 = 9$

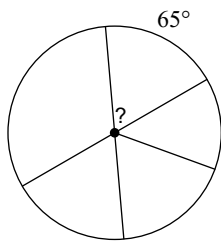


4) $(x - 1)^2 + (y + 1)^2 = 9$

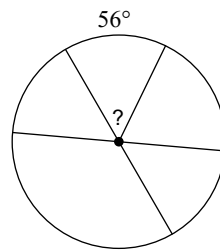


Find the measure of the arc or central angle indicated. Assume that lines which appear to be diameters are actual diameters.

5)

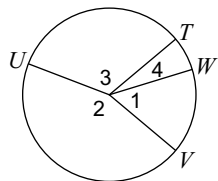


6)



Name the arc made by the given angle.

7) $\angle 1$



8) Major arc for $\angle 2$

