

Math III H Spiral Review Week of 4.17

1. Write the equation of a circle with the following properties: Center: $(-8,2)$; Radius: $\sqrt{11}$

2. Write the equation of a circle with the following properties : Center: $(0, -9)$; Radius: 14

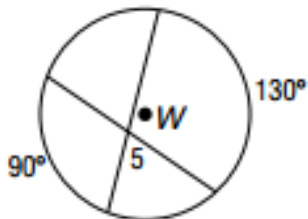
3. Write the equation of a circle with diameter having the following endpoints: $(3,7)$ $(-5,1)$

4. Write the equation of a circle with the following properties: Center: $(5, -4)$ Point on the circle: $(12,7)$

5. Identify the center and radius: $(x + 5)^2 + (x - 9)^2 = 144$

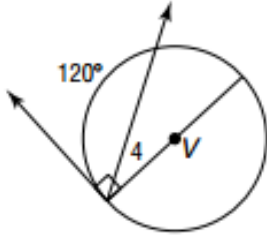
6. Find:

$m\angle 5$



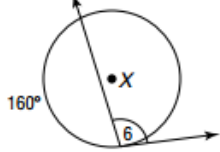
7.

$m\angle 4$



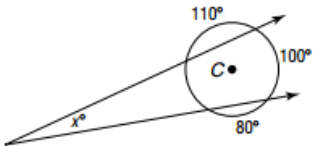
8.

$m\angle 6$



9. Find value of:

x



10. Find angle measures:

$m\angle X, m\angle Y$

