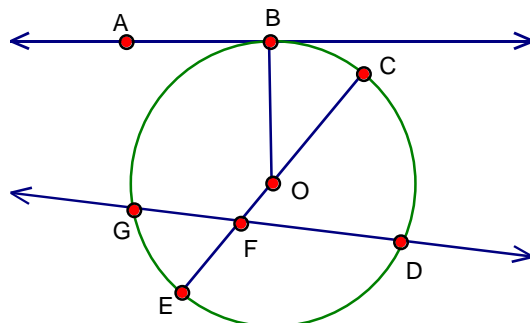


**Chapter 8: Circles**  
**Lesson 8-1: Terminology**  
**Homework**

Name \_\_\_\_\_  
 Date \_\_\_\_\_  
 Period \_\_\_\_

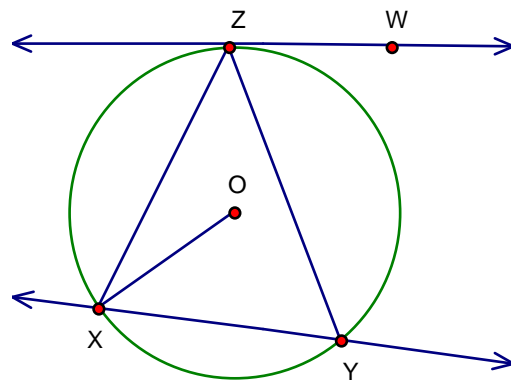
**For questions 1 - 7 refer to the circle to the right.**

1. Name the circle. \_\_\_\_\_
2. Name all radii. \_\_\_\_\_
3. Name a diameter. \_\_\_\_\_
4. Name a chord. \_\_\_\_\_
5. Name a tangent. \_\_\_\_\_
6. Name a secant. \_\_\_\_\_
7. Name a point of tangency. \_\_\_\_\_



**For questions 8 - 13 refer to circle to the right.**

8.  $\overline{XY}$  is a \_\_\_\_\_ of circle O.
9.  $\overline{XO}$  is a \_\_\_\_\_ of circle O.
10.  $\overleftrightarrow{XY}$  is a \_\_\_\_\_ of circle O.
11.  $\overleftrightarrow{WZ}$  appears to be \_\_\_\_\_ to circle O.
12.  $\triangle XYZ$  is \_\_\_\_\_ in circle O.  
 (Hint: X, Y, and Z lie on circle O)
13.  $\widehat{XYZ}$  is a \_\_\_\_\_ of circle O.



**For questions 14-16, complete.**

14. Congruent circles have \_\_\_\_\_ radii.
15. A secant of a circle is a(n) \_\_\_\_\_ that intersects a circle at exactly \_\_\_\_\_ point(s).
16. Concentric circles have the same \_\_\_\_\_.

**Determine whether each statement is true or false.**

17. A chord of a circle that passes through the center of the circle is called a diameter.
18. If two circles are concentric, then their diameters have equal measure.