Complete the sentences below with vocabulary words from the list above.
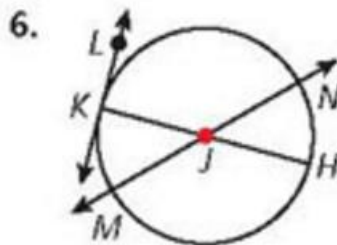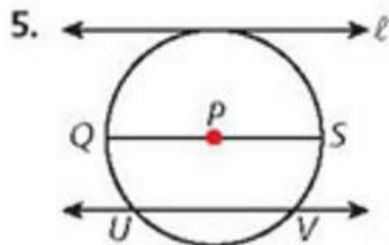
2. An angle whose vertex is at the center of a circle is called a(n) ___?___ .

4. ___?___ are coplanar circles with the same center.

Identify each line or segment that intersects each circle.

5.   6.

Given the measures of the following segments that are tangent to a circle, find each length.

7. $AB = 9x - 2$ and $BC = 7x + 4$. Find AB.

8. $EF = 5y + 32$ and $EG = 8 - y$. Find EG.

9. $JK = 8m - 5$ and $JL = 2m + 4$. Find JK.

10. $WX = 0.8x + 1.2$ and $WY = 2.4x$. Find WY.
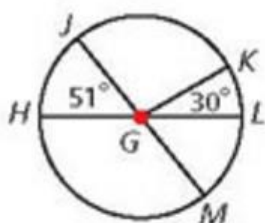
Find each measure.

11. $m\overparen{KM}$

12. $m\overparen{HMK}$

13. $m\overparen{JK}$

14. $m\overparen{MJK}$

Find each length to the nearest tenth.

15. ST 16. CD