**Chapter 10 Review Name:**

**Geometry**

**Use the picture to the right for #1-5.**

1. Name the circle: \_\_\_\_\_\_ 2. Name a radii of the circle: \_\_\_\_\_\_

3. Name a major arc: \_\_\_\_\_\_ 4. Name a minor arc: \_\_\_\_\_\_

5. If BD = 8 inches what is FC?



6. What is the **exact** circumference of $⊙P?$



**The diameters of** $⊙F$ **and** $⊙G$ **are 8 and 10 units, respectively. Find each measure.**

7. *BF* 8. *AB*



9. In $⊙V$, $\overbar{YW}$ is a diameter. Find each measure.

 $m∠XVW$ = \_\_\_\_\_\_ $m∠ZVW $= \_\_\_\_\_\_

 $m\hat{YX} $= \_\_\_\_\_\_ $m\hat{XW} $= \_\_\_\_\_\_



10.



13.



14.

 $m∠PRS$ = \_\_\_\_\_\_ $m\hat{RSV }$= \_\_\_\_\_\_

 $m\hat{RT} $= \_\_\_\_\_\_ $m∠RVT $= \_\_\_\_\_\_

 $m∠QRS $= \_\_\_\_\_\_ $m∠STV $= \_\_\_\_\_\_

 $m\hat{TV} $= \_\_\_\_\_\_ $m∠SVT $= \_\_\_\_\_\_

**Find each measure.**

****15. $m∠W, m∠U$ 16. $m∠W, m∠X$ 17. $m∠R, m∠S$

18. 19. 20.

**Find x. Assume that segments that appear to be tangent are tangent.**

 22. 23.



24. Quadrilateral *EFGH* is inscribed in $⊙N$ such that $m\hat{FG}=102, m\hat{GH}=120, m\hat{EHG}=180$. Find each

 measure.

 $m∠E$ = \_\_\_\_\_\_ $m∠F$ = \_\_\_\_\_\_

 $m∠G$ = \_\_\_\_\_\_ $m∠H$ = \_\_\_\_\_\_

**Find each measured angle that is labeled.**

28. 29. 30.



31. 32.



**Find x.**

33. 34. 35.

**Write an equation for each circle.**

36. center at (-7, 11), r = 8 37. center at (12, -9), d = 22

38. a circle with center at (-5, 3) and a radius with endpoint (2,3)

39. a circle whose diameter has endpoints (4, 6) and (-2, 6)



**Graph e ach equation.**

40. 41.