Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Geometry Extra Review (10.3-10.4) Notes

1. In circle *M*, $∠JKL$ is an inscribed 2. The measure of $∠$*GOE* is 74º

angle whose intercepted arc *JL* measures $66°$. What is the measure of $∠$*GFE*?





3. The measure of $∠$*WCY*= 83ᵒ 4. Find the arc LENGTH of arc AB.

What is <XCZ?

5. The radius of circle O is 7ft and OR=5ft. (a) Find ER. (b) Find HG. (c) Find $m\hat{HL}$.

6. 7. Find the radius of a circle if a 30 foot chord is 10 feet from the center of the circle. Round to the nearest hundredth.

7. Circle W has a radius of 13cm. Radius WL is perpendicular to chord HK.

HK is 18cm. (a) Find WJ. (b) Find JL.



\

8. Find x and find y.



Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Geometry Extra Review (10.3-10.4) Practice

1.Determine the measure of each minor arc. 2. Determine the measure of each central or inscribed angle.

 a. b. a. b.

3. The figure represents a quesadilla with a diameter of 14inches. Find the exact arc length of $\hat{XY}$.







4.





5.

6. Quadrilateral QRST. Find <S and <T. 7. Find x and y.







8.



9. Find the radius of a circle if a 28 foot chord is 6 feet from the center of the circle. Find the exact value and then round to the nearest hundredth.

10. Find the value of JG. if KL=9ft.



11.





12.

13. The measure of <AOB= 62ᵒ. 14. The measure of <COD=98ᵒ.

What is the measure of <ACB? What is the measure of <CED?



15. The measure of <EOG=128ᵒ. 16. The measure of <EGF=28ᵒ.

What is the measure of <EFG? What is the measure of <EOF?



17. The measure of$\hat{ TS}=94$ᵒ and $\hat{ QR}=98$ᵒ. 18. The measure of$\hat{ LM}=50$ᵒ and $\hat{ KN}=120$ᵒ.

What is the measure of <TUS? What is the measure of <LPM?

