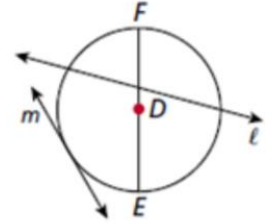


Name: _____ Block: _____ Date: _____

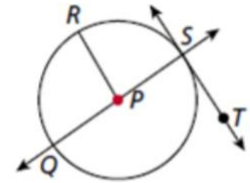
Geometry 10.1 – 10.5 Review

1. Use the circles to find an example of each:

- a. Chord
- Radius
- Diameter
- Secant
- Tangent



- b. Chord
- Radius
- Diameter
- Secant
- Tangent



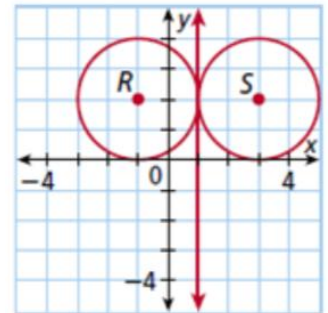
2. Use the picture to the right to determine:

Radius of Circle R

Radius of Circle S

Point of Tangency

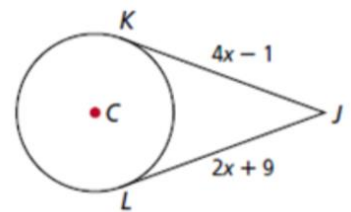
Equation of Tangent Line



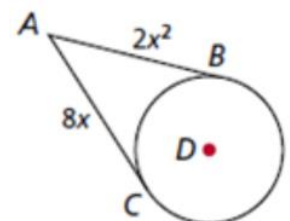
3. JK and JL are tangent to Circle C. Use the figure to the right to find:

a. JK

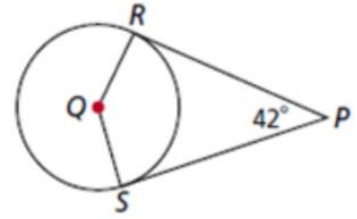
b. Using your answer from part a, if the radius is 6, find JC.



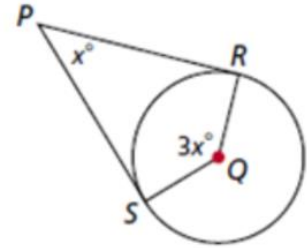
4. AB and AC are tangent to Circle D. Find the length of AB.



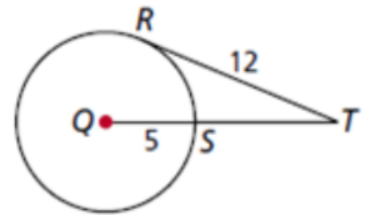
5. Find $m\angle Q$.



6. Find $m\angle P$.



7. RT is tangent to Circle Q. Find ST.



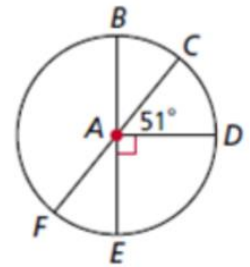
8. Find each measure:

$m\angle BAC$

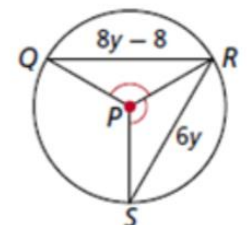
$m\widehat{FE}$

$m\widehat{BF\hat{E}}$

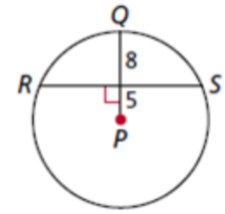
$m\angle BAF$



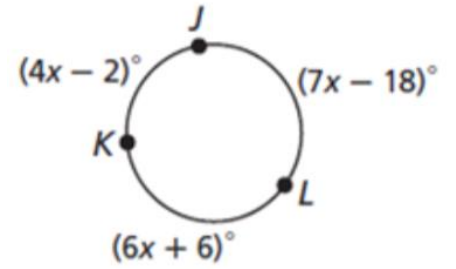
9. Find QR.



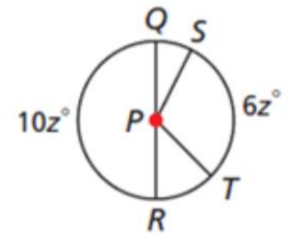
10. Find RS.



11. Find $m\widehat{L}$.



12. Find $\angle SPT$.

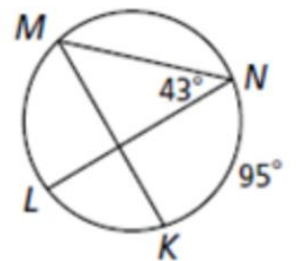


13. Find the following:

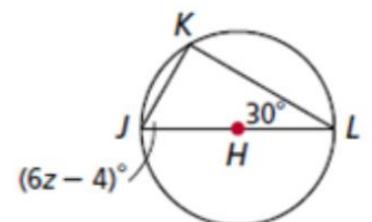
$$m\widehat{ML}$$

$$m\angle NMK$$

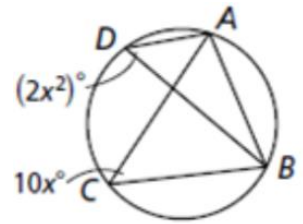
$$m\angle NLK$$



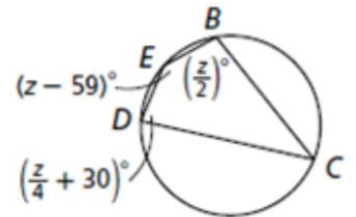
14. Solve for z.



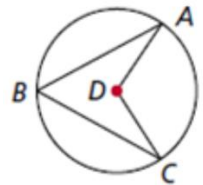
15. Find $m\widehat{AB}$.



16. Find $m\angle DCB$.



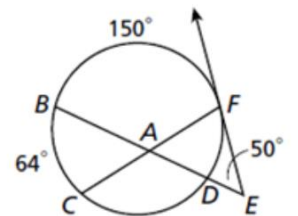
17. Find $m\angle ABC$ if $m\angle ADC = 112^\circ$



18. Find the following:

$$m\widehat{DF}$$

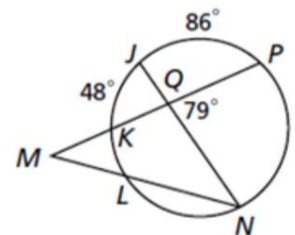
$$m\widehat{CD}$$



19. Find the following:

$$m\widehat{PN}$$

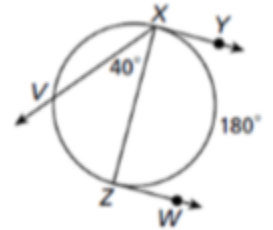
$$m\widehat{KN}$$



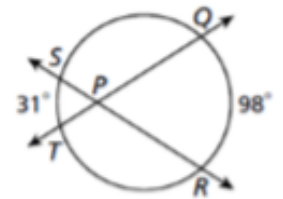
20. Find the following:

$$m\angle XZW$$

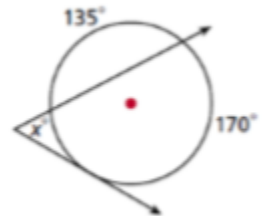
$$m\widehat{XZV}$$



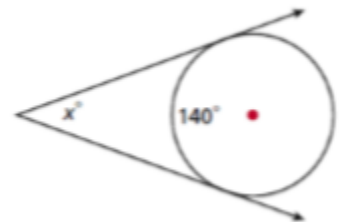
21. Find $m\angle QPR$



22. Solve for x.



23. Solve for x.



24. Find the following:

$$m\widehat{EG}$$

$$m\widehat{DE}$$

