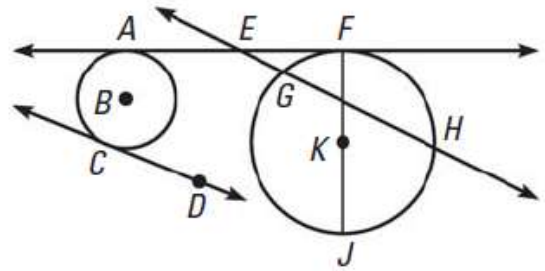


Quiz Review for Sections 7.1 – 7.4 (10.1 – 10.4 in Geometry Book)

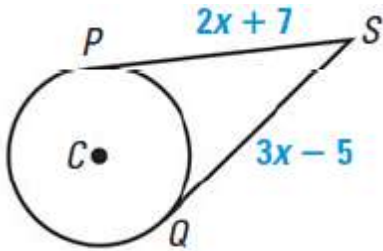
1.

Use the diagram to give an example of the term.

- | | |
|------------|----------------------|
| 1. Radius | 2. Common tangent |
| 3. Tangent | 4. Secant |
| 5. Center | 6. Point of tangency |
| 7. Chord | 8. Diameter |



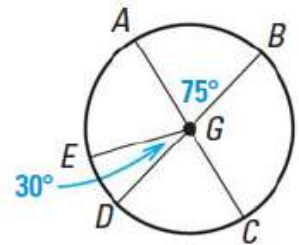
2. Find the value of the variable. P and Q are points of tangency.



3.

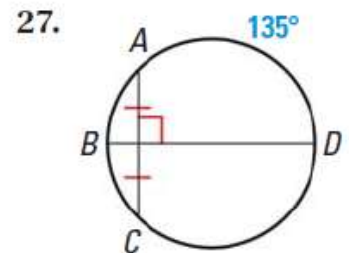
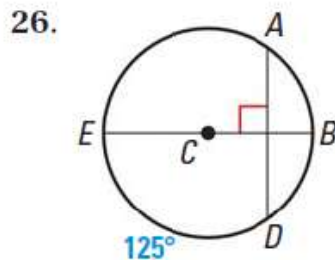
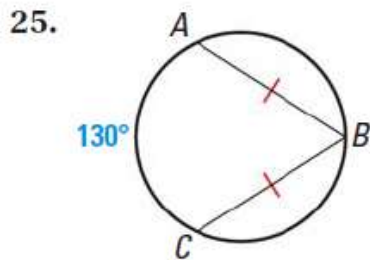
\overline{AC} and \overline{BD} are diameters of $\odot G$. Determine whether the arc is a *minor arc*, a *major arc*, or a *semicircle* of $\odot G$. Then find the measure of the arc.

- | | | |
|---------------------|--------------------|---------------------|
| 15. \widehat{ED} | 16. \widehat{EB} | 17. \widehat{EC} |
| 18. \widehat{BEC} | 19. \widehat{BC} | 20. \widehat{BCD} |



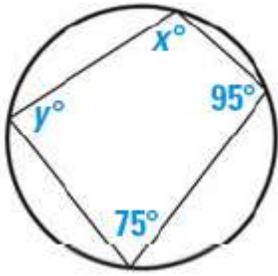
4.

Find the measure of \widehat{AB} .

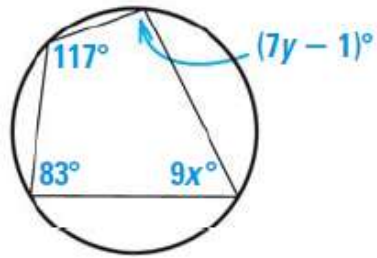


5. Find the value of the variables.

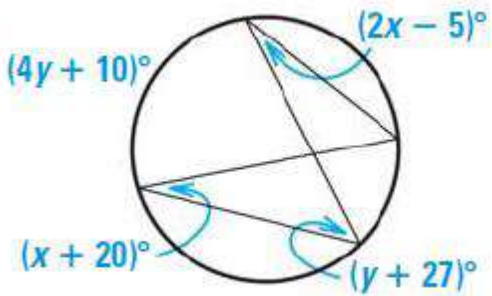
a)



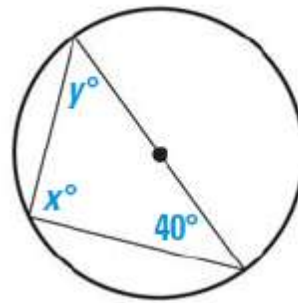
b)



c)



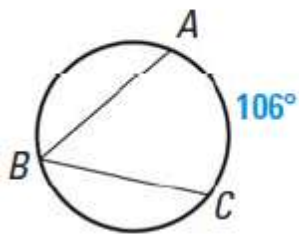
d)



6. Find the indicated measure.

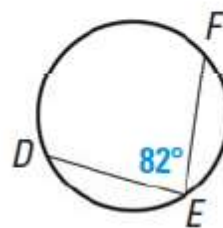
a)

$m\angle ABC$

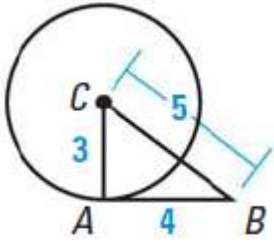


b)

$m\widehat{DF}$

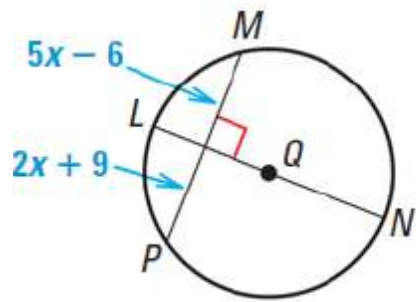


7. Determine if \overline{AB} is tangent to the circle.



8. Find the value of x .

a)



b)

