

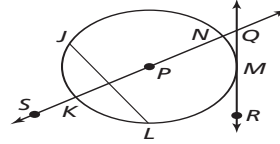
Name: _____

Period: _____

10.1-10.3 Review

In Exercises 1–6, use the diagram. (Section 10.1)

1. Name the circle.
2. Name a radius.
3. Name a diameter.
4. Name a chord.
5. Name a secant.
6. Name a tangent.

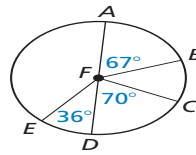


Find the value of x . (Section 10.1)

7. 7.
8. 8.

Identify the given arc as a *major arc*, *minor arc*, or *semicircle*. Then find the measure of the arc. (Section 10.2)

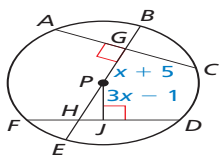
9. \widehat{AE}
10. \widehat{BC}
11. \widehat{AC}
12. \widehat{ACD}
13. \widehat{ACE}
14. \widehat{BEC}



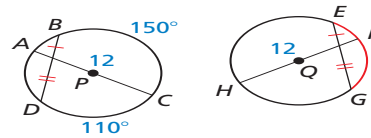
Tell whether the red arcs are congruent. Explain why or why not. (Section 10.2)

15. 15.
16. 16.

17. Find the measure of the red arc in $\odot Q$. (Section 10.3)



18. In the diagram, $AC = FD = 30$, $PG = x + 5$, and $PJ = 3x - 1$. Find the radius of $\odot P$. (Section 10.3)



19. A circular clock can be divided into 12 congruent sections. (Section 10.2)
 - a. Find the measure of each arc in this circle.
 - b. Find the measure of the minor arc formed by the hour and minute hands when the time is 7:00.
 - c. Find a time at which the hour and minute hands form an arc that is congruent to the arc in part (b).

