

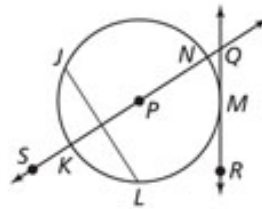
# 10.1-10.3 Review

Name:

Period:

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.

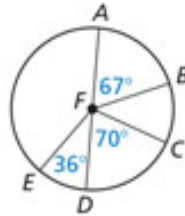


Find the value of  $x$ . (Section 10.1)

- 7.
- 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.
- 16.

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

- 18.
- 19.

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).

