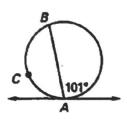
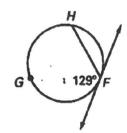
Find the indicated arc measure.

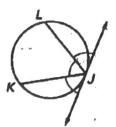
1. mAB 202°



2. mFH 102°



3. mJKL 240°



Find m∠1.

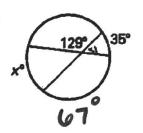
- 4. 56
- 116° 1140°
- 108°

- 2. 63*
- 8. 120° 109° 1
- 9. 133° 53° 1 41°

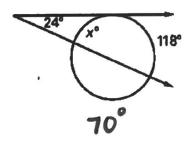
- 174°
- 11. 42°
- 12. 35° 104° 1111

In Exercises 13–15, find the value of x.

13.



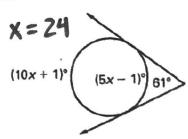
14

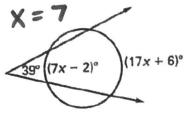


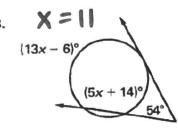
15.



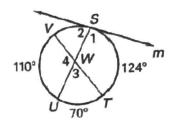
In Exercises 16–18, find the value of x.



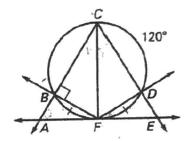




19. Angle Measures In the diagram shown, m is tangent to the circle at the point S. Find the measures of all the numbered angles.

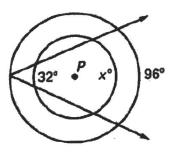


Use the diagram shown to find the measure of the angle.

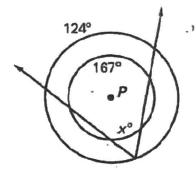


In Exercises 26 and 27, the circles have center P. Find the value of x.

26.



27.



$$X = 43$$