

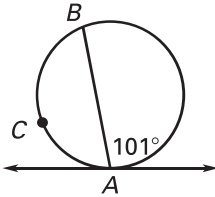
**LESSON**  
**10.5**

**Practice**

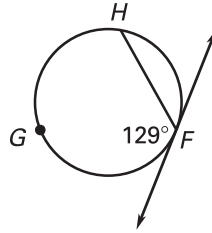
For use with the lesson "Apply Other Angle Relationships in Circles"

Find the indicated arc measure.

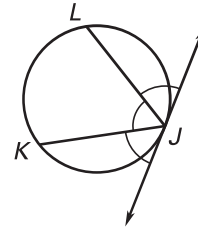
1.  $m\widehat{AB}$



2.  $m\widehat{FH}$

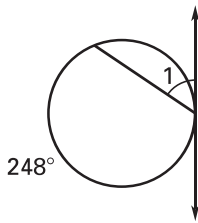


3.  $m\widehat{JKL}$

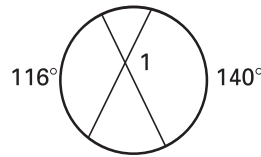


Find  $m\angle 1$ .

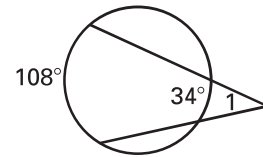
4.



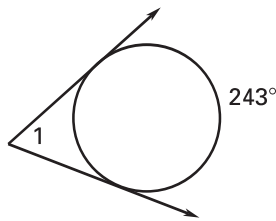
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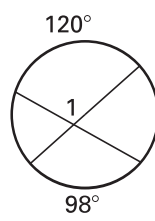
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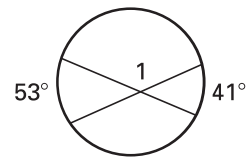
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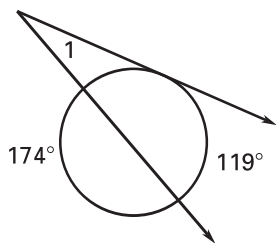
8.



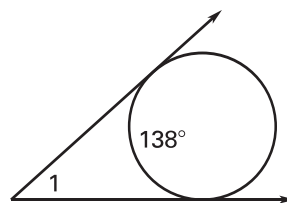
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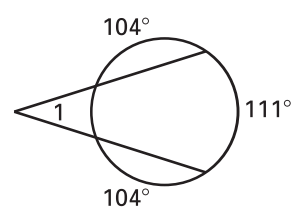
10.



11.

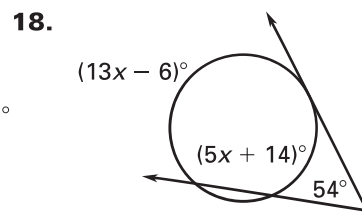
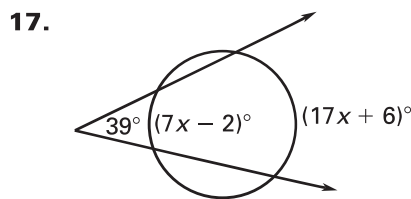
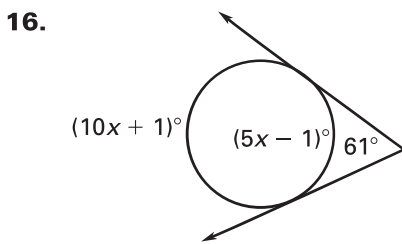
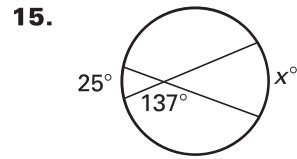
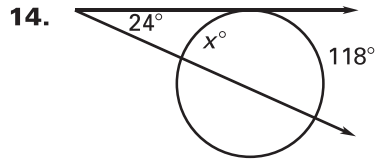
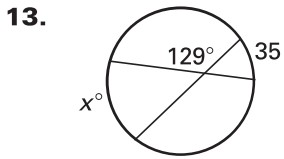


12.

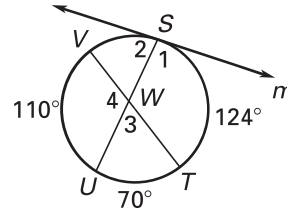


**LESSON 10.5 Practice** *continued*  
 For use with the lesson "Apply Other Angle Relationships in Circles"

In Exercises 13–18, find the value of  $x$ .



19. 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.

20.  $m\angle CAF$

21.  $m\angle AFB$

22.  $m\angle CEF$

23.  $m\angle CFB$

24.  $m\angle DCF$

25.  $m\angle BCD$

