

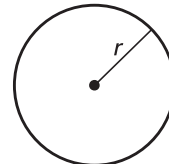
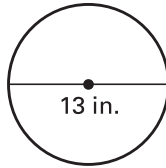
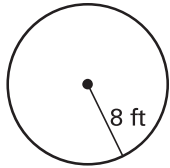
**LESSON**  
**11.1**

**Practice**

For use with the lesson "Circumference and Arc Length"

Use the diagram to find the indicated measure.

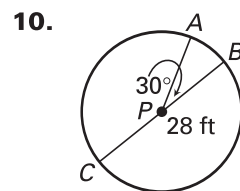
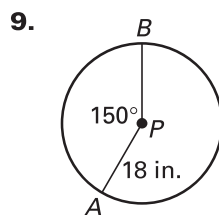
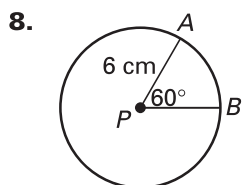
1. Find the circumference.
2. Find the circumference.
3. Find the radius.



Find the indicated measure.

4. The exact radius of a circle with circumference 42 meters
5. The exact diameter of a circle with circumference 39 centimeters
6. The exact circumference of a circle with diameter 15 inches
7. The exact circumference of a circle with radius 27 feet

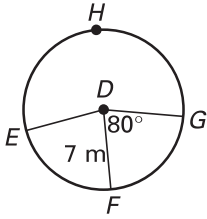
Find the length of  $\widehat{AB}$ .



**LESSON**  
**11.1**

**Practice** *continued*  
For use with the lesson "Circumference and Arc Length"

In  $\odot D$  shown below,  $\angle EDF \cong \angle FDG$ . Find the indicated measure.



11.  $m\widehat{EFG}$

12.  $m\widehat{EHG}$

13. Length of  $\widehat{EFG}$

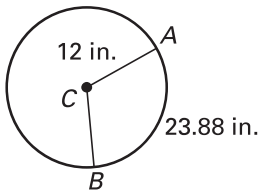
14. Length of  $\widehat{EHG}$

15.  $m\widehat{EHF}$

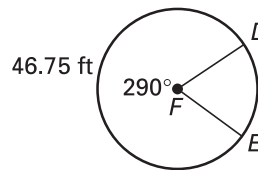
16. Length of  $\widehat{FEG}$

Find the indicated measure.

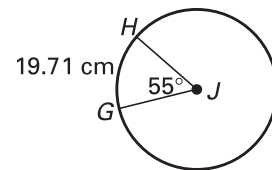
17.  $m\widehat{AB}$



18. Circumference of  $\odot F$

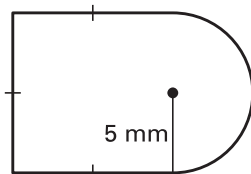


19. Radius of  $\odot J$



Find the perimeter of the region.

20.



21.

