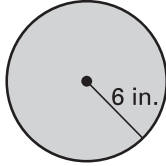
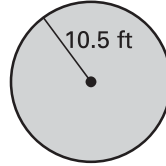


LESSON
11.2**Practice***For use with the lesson "Areas of Circles and Sectors"***Find the exact area of the circle. Then find the area to the nearest hundredth.**

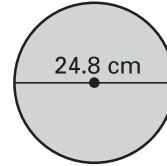
1.



2.



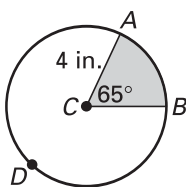
3.

**Find the indicated measure.**

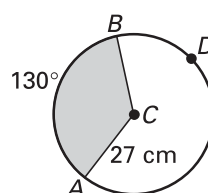
4. The area of a circle is 173 square inches. Find the radius.
5. The area of a circle is 290 square meters. Find the radius.
6. The area of a circle is 654 square centimeters. Find the diameter.
7. The area of a circle is 528 square feet. Find the diameter.

Find the areas of the sectors formed by $\angle ACB$.

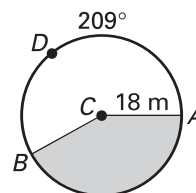
8.



9.



10.

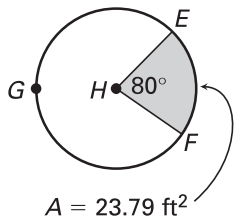


LESSON
11.2

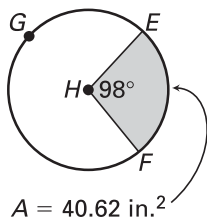
Practice *continued*
For use with the lesson "Areas of Circles and Sectors"

Use the diagram to find the indicated measure.

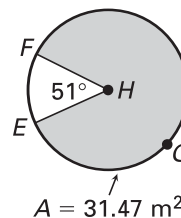
11. Find the area of $\odot H$.



12. Find the radius of $\odot H$.



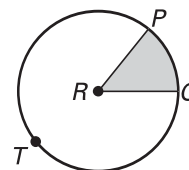
13. Find the diameter of $\odot H$.



The area of $\odot R$ is 295.52 square inches. The area of sector PRQ is 55 square inches. Find the indicated measure.

14. Radius of $\odot R$

15. Circumference of $\odot R$



16. $m\widehat{PQ}$

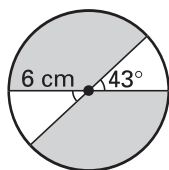
17. Length of \widehat{PQ}

18. Perimeter of shaded region

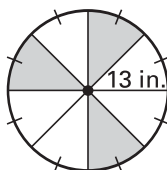
19. Perimeter of unshaded region

Find the area of the shaded region.

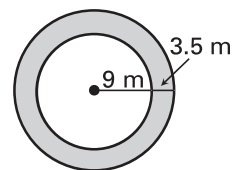
20.



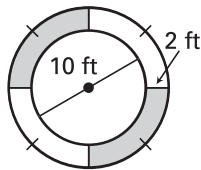
21.



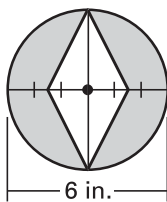
22.



23.



24.



25.

