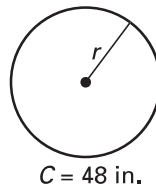
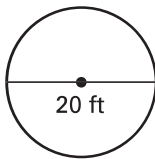
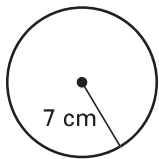


LESSON
6.7 Practice

Use the diagram to find the indicated measure.

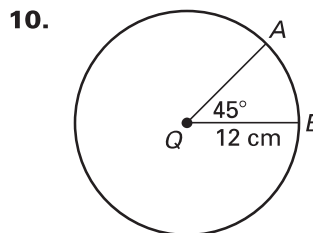
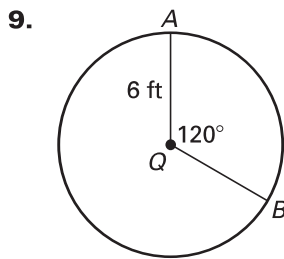
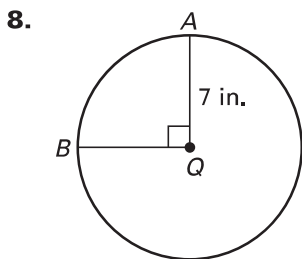
1. Find the circumference.
2. Find the circumference.
3. Find the radius.



Find the indicated measure.

4. The exact radius of a circle with circumference 36 meters
5. The exact diameter of a circle with circumference 29 feet
6. The exact circumference of a circle with diameter 26 inches
7. The exact circumference of a circle with radius 15 centimeters

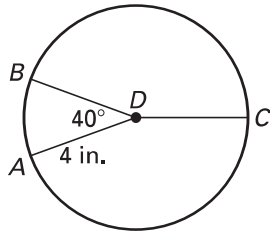
Find the length of \widehat{AB} .



LESSON
6.7

Practice *continued*

In $\odot D$ shown below, $\angle ADC \cong \angle BDC$. Find the indicated measure.



11. $m\widehat{ACB}$

12. $m\widehat{CB}$

13. Length of \widehat{ACB}

14. Length of \widehat{CB}

15. $m\widehat{ABC}$

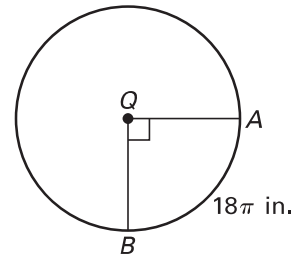
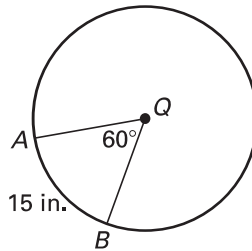
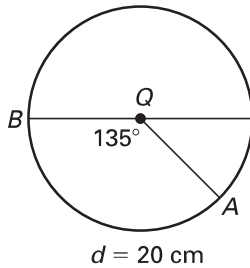
16. Length of \widehat{BAC}

Find the indicated measure.

17. Length of \widehat{AB}

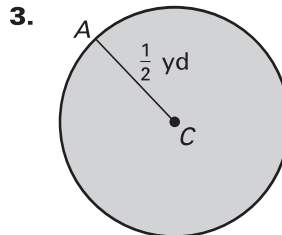
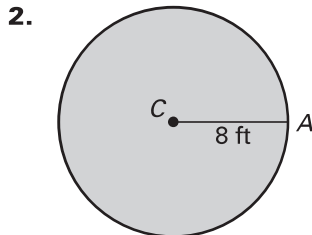
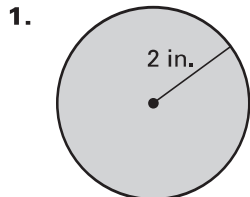
18. Circumference of $\odot Q$

19. Radius of $\odot Q$



LESSON 6.8 Practice

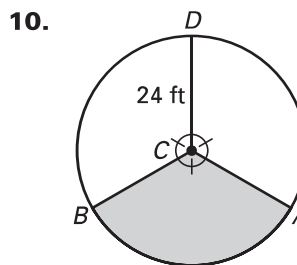
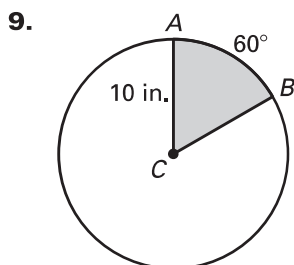
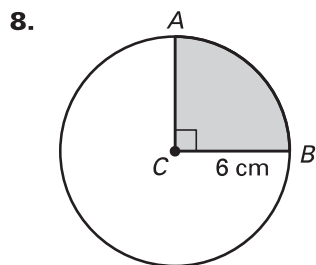
Find the exact area of the circle. Then find the area of the circle to the nearest hundredth.



Find the indicated measure.

4. The area of a circle is 58 square inches. Find the radius.
5. The area of a circle is 37 square meters. Find the radius.
6. The area of a circle is 106 square centimeters. Find the diameter.
7. The area of a circle is 249 square feet. Find the diameter.

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

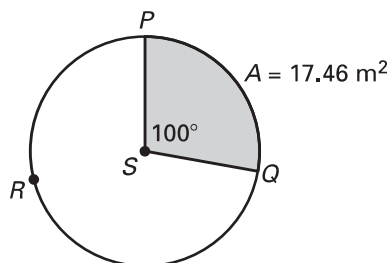


LESSON
6.8

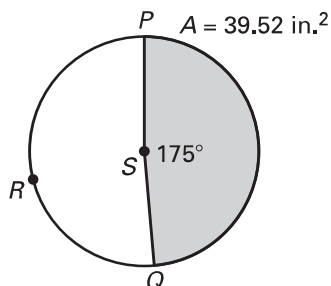
Practice *continued*

Use the diagram to find the indicated measure.

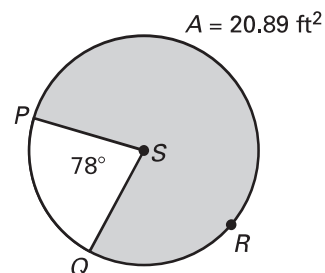
11. Find the area of $\odot S$.



12. Find the area of $\odot S$.



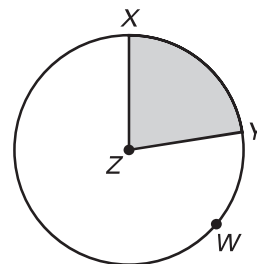
13. Find the radius of $\odot S$.



The area of $\odot Z$ is 124.44 square centimeters. The area of sector XZY is 28 square centimeters. Find the indicated measure.

14. Radius of $\odot Z$

15. Circumference of $\odot Z$



16. $m\widehat{XY}$

17. Length of \widehat{XY}

18. Perimeter of shaded region

19. Perimeter of unshaded region