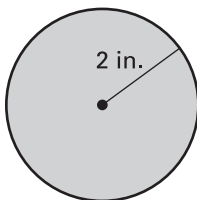


LESSON  
11.5**Practice A**

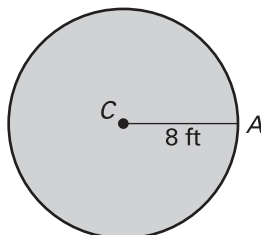
For use with pages 755–761

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

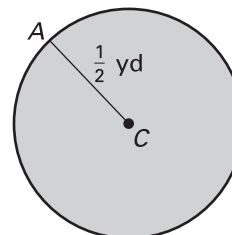
1.



2.



3.

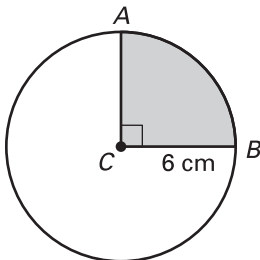


Find the indicated measure.

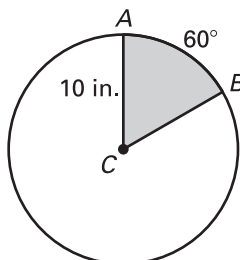
- The area of a circle is 58 square inches. Find the radius.
- The area of a circle is 37 square meters. Find the radius.
- The area of a circle is 106 square centimeters. Find the diameter.
- The area of a circle is 249 square feet. Find the diameter.

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

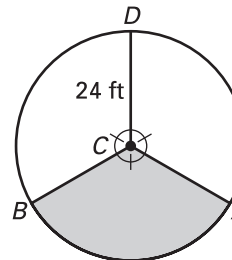
8.



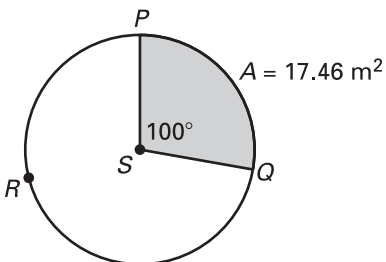
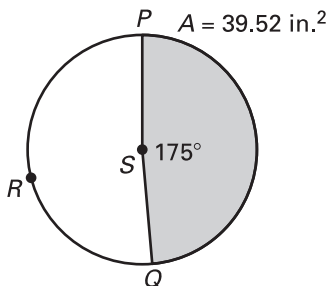
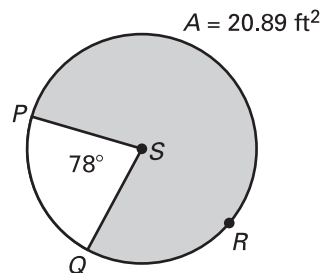
9.



10.



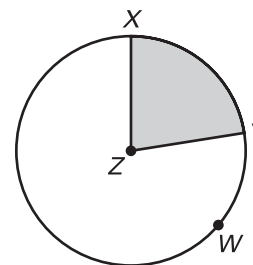
Use the diagram to find the indicated measure.

11. Find the area of  $\odot S$ .12. Find the area of  $\odot S$ .13. Find the radius of  $\odot S$ .

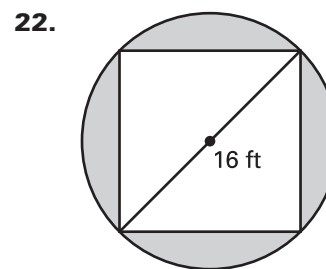
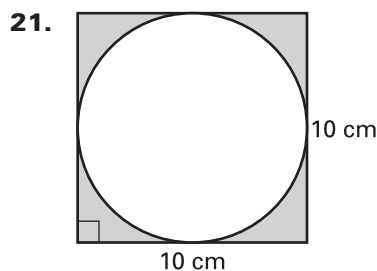
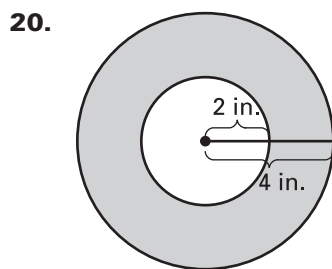
**LESSON 11.5** **Practice A** *continued*  
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The area of  $\odot Z$  is 124.44 square centimeters. The area of sector  $XZY$  is 28 square centimeters. Find the indicated measure.

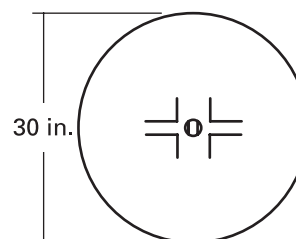
14. Radius of  $\odot Z$                       15. Circumference of  $\odot Z$   
 16.  $m\widehat{XY}$                                 17. Length of  $\widehat{XY}$   
 18. Perimeter of shaded region    19. Perimeter of unshaded region



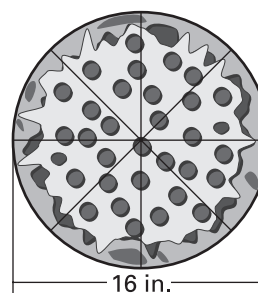
Find the area of the shaded region.



23. **Hockey** A face-off circle from a hockey rink is shown at the right. The diameter of the circle is 30 inches. Find the area of the face-off circle.



24. **Pizza** A pizza is cut into 8 congruent pieces as shown. The diameter of the pizza is 16 inches. Find the area of one piece of pizza.



25. **Clock** A wall clock has an area of 452.39 inches. Find the diameter of the clock. Then find the area of the sector formed when the time is 3:00 as shown.

