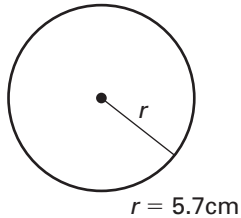


# Practice C

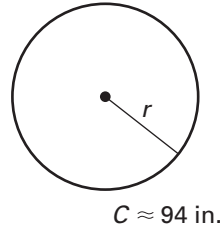
For use with pages 683–689

Find the indicated measure.

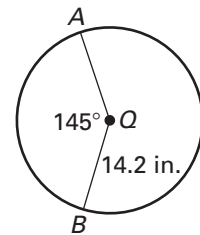
1. Circumference



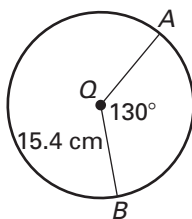
2. Radius



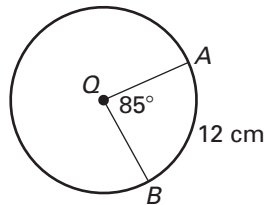
3. Length of  $\widehat{AB}$



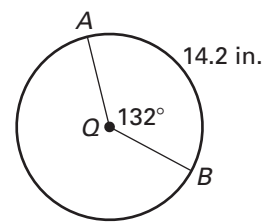
4. Length of  $\widehat{AB}$



5. Circumference

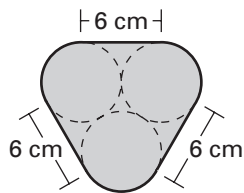


6. Radius

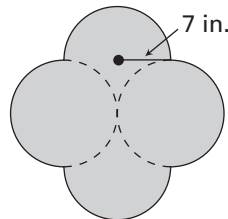


Each region is bounded by circular arcs or line segments. Find the perimeter of the region.

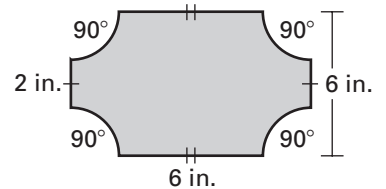
- 7.



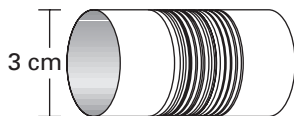
- 8.



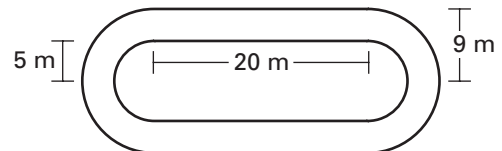
- 9.



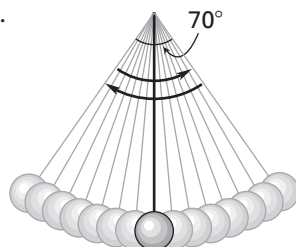
10. **Thread** A spool of thread contains 150 revolutions of thread. The diameter of the spool is 3 centimeters. Find the length of the thread to the nearest centimeter.



11. **Go-Cart Track** Find the distance around the track on the inside lane and on the outside lane.



12. **Pendulum** Find the distance traveled in one back-and-forth swing by the weight of a 16 inch pendulum that swings through a  $70^\circ$  angle.



13. **Turntable** Two belt-driven gears for a turntable are shown. What is the total length of the belt?

