LESSON 11.4

NAME _____ DATE _____

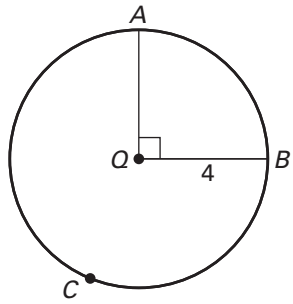
Practice A

For use with pages 683–689

Match the measure with its value.

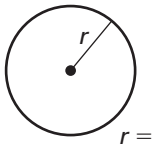
1. $m\overset{\frown}{AB}$
2. Diameter of $\odot Q$
3. Length of $\overset{\frown}{ACB}$
4. Circumference of $\odot Q$
5. Length of $\overset{\frown}{AB}$
6. Length of semicircle of $\odot Q$

A. 2π
B. 8π
C. 6π
D. 8
E. 4π
F. $90°$



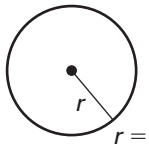
Find the indicated measure.

7. Circumference



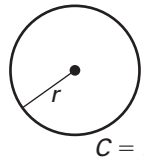
$r = 6$ in.

8. Circumference



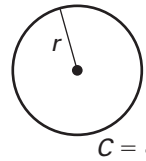
$r = 8$ cm

9. Radius



$C = 26\pi$ in.

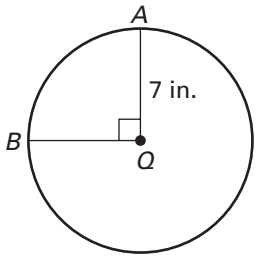
10. Radius



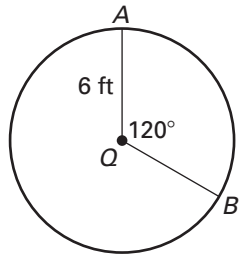
$C = 40\pi$ cm

Find the length of $\overset{\frown}{AB}$.

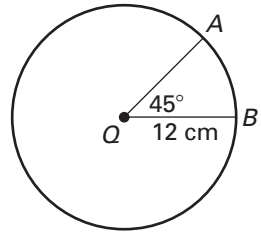
11.



12.



13.



Determine the distance in feet that the vehicle with the given tire diameter would travel with (a) two revolutions of the tire, and (b) ten revolutions of the tire.

14. Tractor-trailer tire: $d = 36$ in.

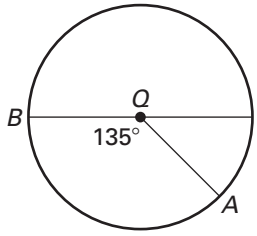
15. Mountain bike tire: $d = 28$ in.

16. All terrain vehicle tire: $d = 20$ in.

17. Train engine wheel: $d = 56$ in.

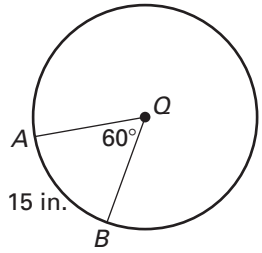
Find the indicated measure.

18. Length of $\overset{\frown}{AB}$

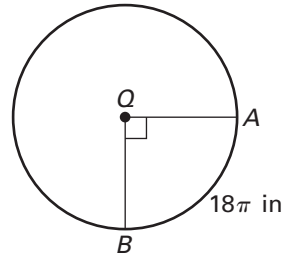


$d = 20$ cm

19. Circumference



20. Radius



Lesson 11.4