LESSON 11.4

NAME _____ DATE _____

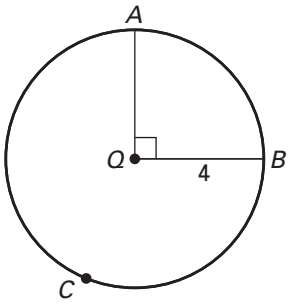
Practice A

For use with pages 683–689

Match the measure with its value.

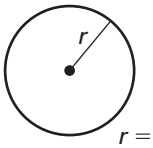
1. $m\overset{\frown}{AB}$
2. Diameter of $\odot Q$
3. Length of $\overset{\frown}{ACB}$
4. Circumference of $\odot Q$
5. Length of $\overset{\frown}{AB}$
6. Length of semicircle of $\odot Q$

A. 2π
B. 8π
C. 6π
D. 8
E. 4π
F. 90°



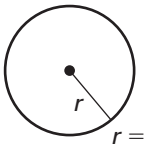
Find the indicated measure.

7. Circumference



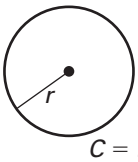
$r = 6$ in.

8. Circumference



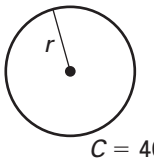
$r = 8$ cm

9. Radius



$C = 26\pi$ in.

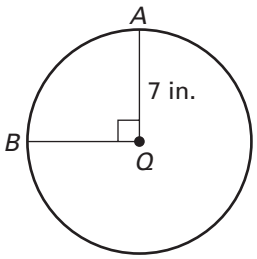
10. Radius



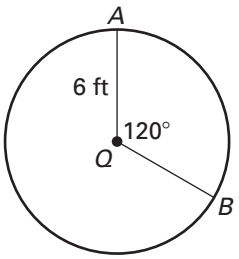
$C = 40\pi$ cm

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

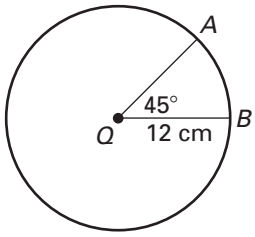
11.



12.



13.



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

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

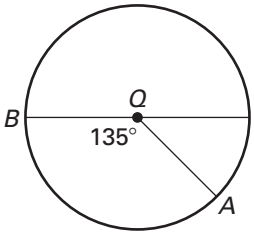
15. Mountain bike tire: $d = 28$ in.

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

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

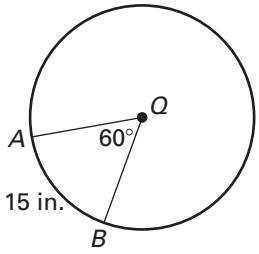
Find the indicated measure.

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

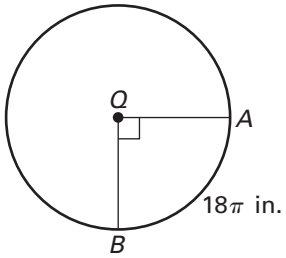


$d = 20$ cm

19. Circumference



20. Radius



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