LESSON 11.4

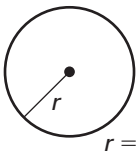
NAME _____ DATE _____

Practice B

For use with pages 683–689

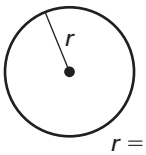
Find the indicated measure.

1. Circumference



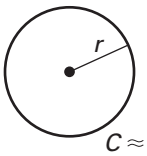
$r = 4.2$ cm

2. Circumference



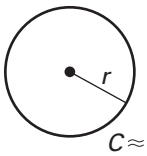
$r = 3.5$ in.

3. Radius



$C \approx 13.4$ in.

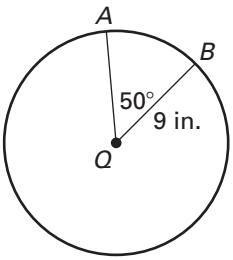
4. Radius



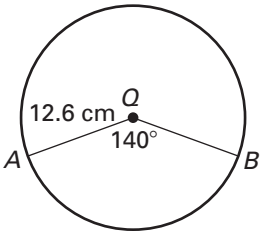
$C \approx 62$ ft

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

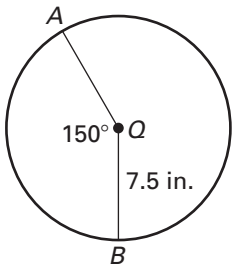
5.



6.

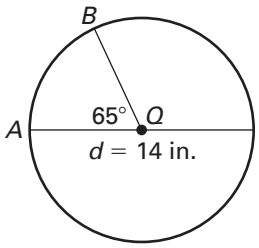


7.

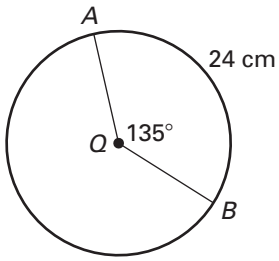


Find the indicated measure.

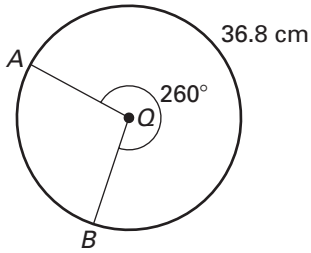
8. Length of $\overset{\frown}{AB}$



9. Circumference

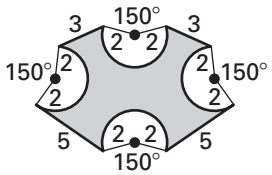


10. Radius

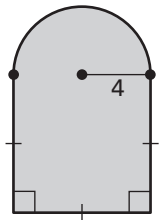


Each region is bounded by circular arcs or line segments. Find the perimeter of the region.

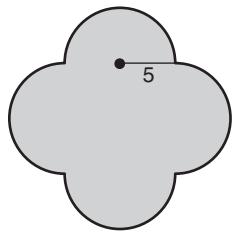
11.



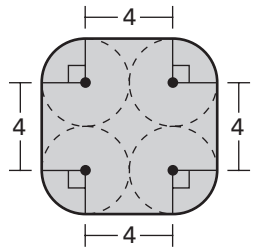
12.



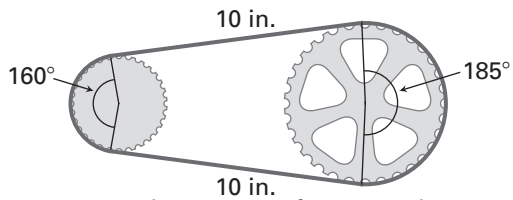
13.



14.



15. ***Bicycles*** The chain of a bicycle travels along the front and rear sprockets. The circumference of each sprocket is given. About how long is the chain?



rear sprocket
C = 12 in.

front sprocket
C = 20 in.

Lesson 11.4