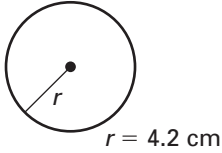NAME _____ DATE _____

Practice B
For use with pages 683–689
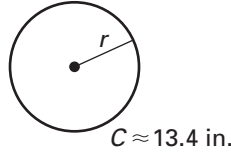
Find the indicated measure.

1. Circumference

r = 4.2 cm

2. Circumference

r

r = 3.5 in.

3. Radius

r

C ≈ 13.4 in.

4. Radius

r

C ≈ 62 ft

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

5.

A
B
50°
9 in.
Q

6.

12.6 cm
Q
140°
A
B

7.

A
150° Q
7.5 in.
B
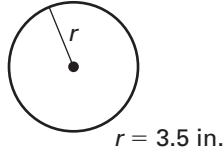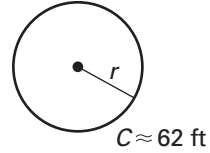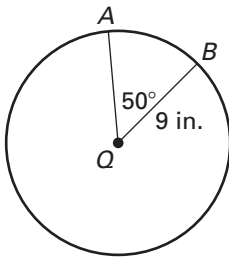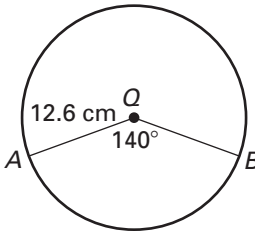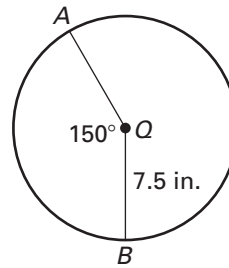
Find the indicated measure.

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

B
65° Q
A
d = 14 in.

9. Circumference

A
24 cm
Q 135°
B

10. Radius

36.8 cm
A
260°
Q
B
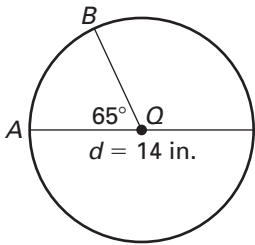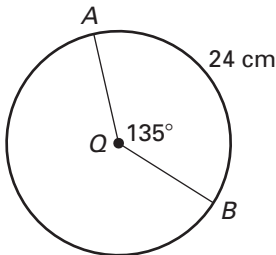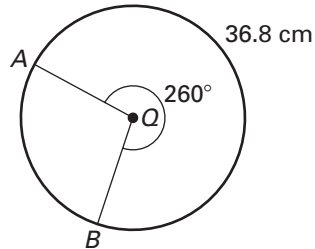
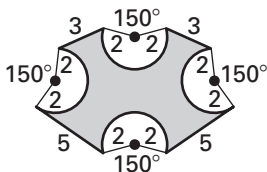**Each region is bounded by circular arcs or line segments. Find the perimeter of the region.**

11.

3 150° 3
2 2
150° 2   2 150°
2   2
5 2 2 5
150°

12.

4

13.

5

14.
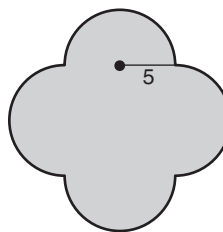
4
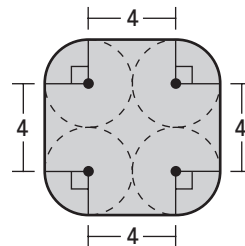
4   4
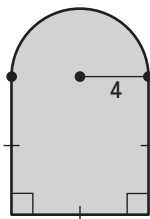
4

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?

10 in.

160°   185°

10 in.

rear sprocket
C = 12 in.

front sprocket
C = 20 in.

Lesson 11.4