Lesson 8.3

Extra Practice

Find the radius of the circle.

1.



2.



3.



Find the diameter of the circle.

4.



5.



6.



Find the circumference of the circle.

7.



8.



9.



Find the perimeter of the semicircular region.

10.



11.



12.



- **13.** A circular ink spot has a circumference of 25.12 millimeters. A minute later, it has a circumference of 75.63 millimeters.
 - **a.** Estimate the diameter of the ink spot each minute.
 - **b.** How many times greater is the diameter of the ink spot compared to the previous minute?
- **14.** You are enclosing a circular flower garden with a fence that costs \$2.99 per foot. The radius of the garden is 7 feet. How much will it cost to buy the fence?
- **15.** Find the perimeter of the semicircular tabletop in feet.

51.4 units

HANDS

22 units

ON

10.28 units

HIS

24 units

HAD



Puzzle Time

Why Was The Gentleman Who Was Selling Watches Unhappy?

A	В	С	D	E	F
G	Н				

Complete each exercise. Find the answer in the answer column. Write the word under the answer in the box containing the exercise letter.

62.8 units MUCH

15 units HE

44 units TIME

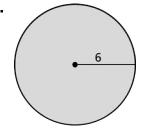
37.68 units TOO **A.** The diameter of a circle is 30 units. Find the radius.

B. The radius of a circle is 12 units. Find the diameter.

Find the circumference of the circle.

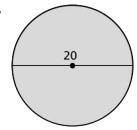
C.

E.

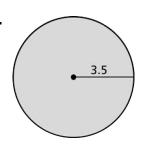


14

D.

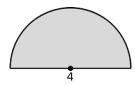


F.



Find the perimeter of the semicircular region.

G.



Н.

