11–5 Skills Practice

Circumference of a Circle

Find the circumference of each object to the nearest tenth.

1. a round swimming pool with radius 12 feet

2. a circular top of a trampoline with diameter 16 feet

3. the circular base of a paper weight with diameter 3 centimeters

4. a CD with diameter 11 centimeters

5. circular garden with radius 10 feet

6. circular mirror with diameter 4 feet

Find the circumference of each circle to the nearest tenth.

7. $r = 7$ cm

8. $d = 20$ yd

9. $r = 1$ m

10. $d = 6$ ft

11. $r = 200$ ft

12. $d = 5$ in.

13. $r = 2$ m

14. $d = 70$ ft

15. $r = 3$ in.

16. $d = 10$ in.

17. $r = 19$ m

18. $d = 35$ yd

Find the radius of each circle to the nearest tenth for each circumference given.

19. 100 m

20. 32 ft

21. 18 mi

22. 28 cm

23. 80 in.

24. 25 m

25. 75 yd

26. 14 cm

27. 250 ft