

Lesson 1 Skills Practice

Circumference

Find the radius or diameter of each circle with the given dimensions.

1. $r = 13$ cm
26 cm

2. $d = 4$ ft
2 ft

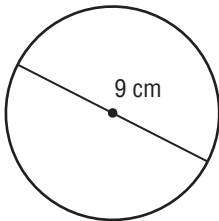
3. $r = 10$ mm
20 mm

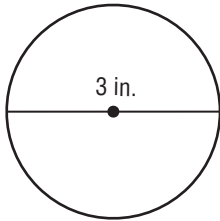
4. $d = 16$ in.
8 in

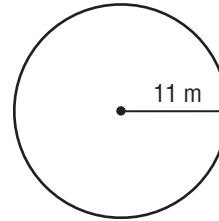
5. $r = 7$ mi
14 mi

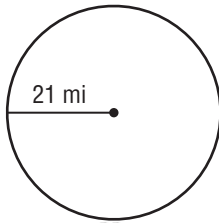
6. $d = 22$ yd
11 yd

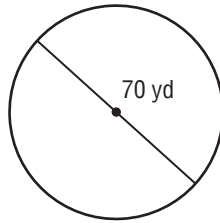
Find the circumference of each circle. Use 3.14 or $\frac{22}{7}$ for π . Round to the nearest tenth if necessary.

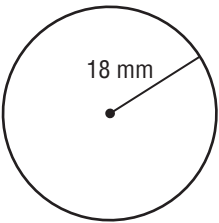
7. 
 $3.14 \times 9 = 28.3$ cm

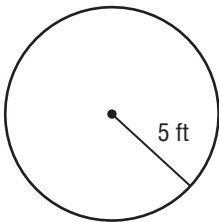
8. 
 $3.14 \times 3 = 9.4$ in.

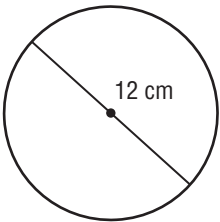
9. 
 $3.14 \times 22 = 69.1$ m

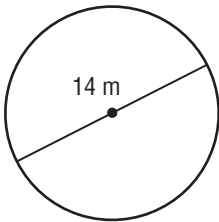
10. 
 $\frac{22}{7} \times 42 = 132$ mi

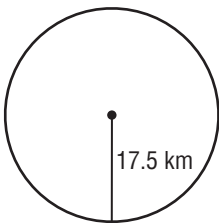
11. 
 $\frac{22}{7} \times 70 = 220$ yd

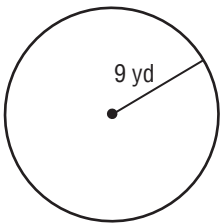
12. 
 $3.14 \times 36 = 113.0$ mm

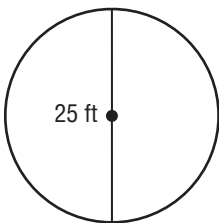
13. 
 $3.14 \times 10 = 31.4$ ft

14. 
 $3.14 \times 12 = 37.7$ cm

15. 
 $\frac{22}{7} \times 14 = 44$ m

16. 
 $\frac{22}{7} \times 35 = 110$ km

17. 
 $3.14 \times 18 = 56.5$ yd

18. 
 $3.14 \times 25 = 78.5$ ft