

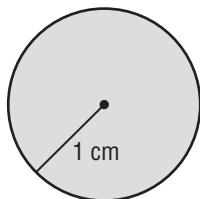
Lesson 2 Skills Practice

Area of Circles

Find the area of each circle. Round to the nearest tenth.

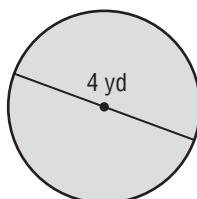
Use 3.14 or $\frac{22}{7}$ for π .

1.



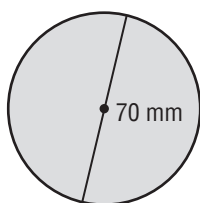
$$\begin{aligned} A &= 1 \text{ times } 1 \\ A &= 1 \\ A &= 3.14 \end{aligned}$$

2.



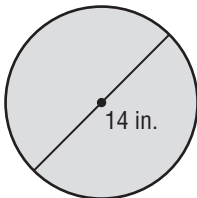
$$\begin{aligned} A &= 4 \text{ times } 2 \\ A &= 8 \\ A &= \end{aligned}$$

3.



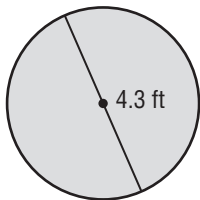
$$\begin{aligned} A &= 70 \text{ times } 35 \\ A &= 2450 \\ A &= 7693 \end{aligned}$$

4.



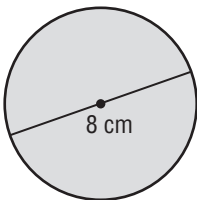
$$\begin{aligned} A &= 14 \text{ times } 7 \\ A &= 98 \\ A &= 307.72 \end{aligned}$$

5.



$$\begin{aligned} A &= 2.15 \text{ times } 4.3 \\ A &= 9.245 \\ A &= 29.0293 \end{aligned}$$

6.



$$\begin{aligned} A &= 4 \text{ times } 8 \\ A &= 32 \\ A &= \end{aligned}$$

7. radius = 5.7 mm

$$\begin{aligned} A &= 5.7 \text{ times } 5.7 \\ A &= 32.49 \end{aligned}$$

8. radius = 8.2 ft

$$A = 8.2 \text{ times } 8.2$$

$$\begin{aligned} A &= 67.24 \\ A &= 211.1336 \end{aligned}$$

9. diameter = 3 in.

$$A = 3 \text{ times } 3$$

$$A = 9$$

$$A = 28.26$$

10. diameter = 15.6 cm

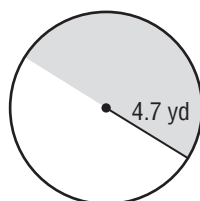
$$A = 15.6 \text{ times } 15.6$$

$$A =$$

Find the area of each semicircle. Round to the nearest tenth.

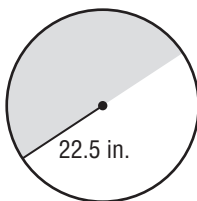
Use 3.14 for π .

11.



$$\begin{aligned} A &= 4.7 \text{ times } 4.7 \text{ divided by } 2 \\ A &= 22.09 \text{ divided by } 2 \\ A &= 11.045 \end{aligned}$$

12.



$$\begin{aligned} &22.5 \text{ times } 22.5 \text{ divided by } 2 \\ A &= 506.25 \text{ divided by } 2 \\ A &= 253.125 \end{aligned}$$