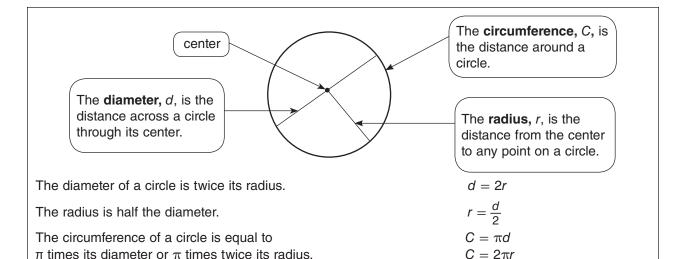
Lesson 1 Reteach

Circumference



Example 1

The radius of a circle is 7 meters. Find the diameter.

 π times its diameter or π times twice its radius.

d = 2r

 $d=2\cdot 7$ Replace r with 7.

d = 14Multiply.

The diameter is 14 meters.



Example 2

Find the circumference of a circle with a radius that is 13 inches. Use 3.14 for π . Round to the nearest tenth.

 $C=2\pi r$

Write the formula.

 $C \approx 2 \times 3.14 \times 13$

Replace r with 13 and π with 3.14.

 $C \approx 81.64$

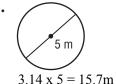
Multiply.

Rounded to the nearest tenth, the circumference is about 81.6 inches.

Exercises

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

1.



2.

3.



$$\frac{22}{7}$$
 x 21 = 66 f