Homework

Solve.

Solve.

Show your work.

- **13.** A tortoise walks 27 miles in a year. At this rate, how many miles will this tortoise walk in 10 years?
- **14.** If the tortoise lives to be 100 years old, how many miles will it walk during its lifetime?
- **15.** Every month, Paolo earns \$40 for walking his neighbor's dog after school. How much does he earn from this job in one year?
- **16.** There are 60 seconds in a minute and 60 minutes in an hour. How many seconds are there in an hour?
- **17.** An elephant eats about 2,500 pounds of food in 10 days. About how much food does an elephant eat in 1,000 days?

Remembering

Write the multiplier or divisor for each pair of equivalent fractions.

1.
$$\frac{4}{5} = \frac{12}{15}$$

2.
$$\frac{25}{60} = \frac{5}{12}$$

3.
$$\frac{12}{20} = \frac{3}{5}$$

4.
$$\frac{2}{3} = \frac{20}{30}$$

5.
$$\frac{27}{36} = \frac{3}{4}$$

6.
$$\frac{1}{8} = \frac{7}{56}$$

Solve.

- 7. Jordan shoots 100 3-point shots per basketball practice. She makes 44 of these shots. What decimal represents the number of shots she makes?
- 8. At a county fair, 9 people out of 1,000 earned a perfect score in a carnival game. What decimal represents the number of people who earned a perfect score?

Solve.

9.
$$\frac{1}{6} \cdot 60 =$$

10.
$$\frac{1}{3} \cdot 21 =$$

11.
$$\frac{1}{9}$$
 of 81 = _____

12.
$$\frac{1}{3} \cdot 24 =$$

13.
$$\frac{1}{5}$$
 of 60 = _____

14.
$$\frac{1}{8} \cdot 16 =$$

15. Stretch Your Thinking Using a multiple of ten for at least one factor, write an equation with a product that has four zeros.