4-1

Homework

Name _____ Date _____

Solve.

1. 40 × 2	**2.** 400 × 2	**3.** 400 × 20	**4.** 4,000 × 2
5. 80 × 60	**6.** 800 × 60	**7.** 800 × 6	**8.** 80 × 600
9. 70 × 20	**10.** 900 × 40	**11.** 800 × 70	**12.** 6,000 × 7

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?

_____

4-1 Name _____ Date _____

Remembering

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

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

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

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

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

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

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

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.

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