

Name \_\_\_\_\_

## Mental Math: Multiplication Patterns

P 11-1

Use mental math to find each product.

1.  $3 \times 10 =$  \_\_\_\_\_

2.  $6 \times 100 =$  \_\_\_\_\_

3.  $9 \times 1,000 =$  \_\_\_\_\_

4.  $80 \times 3 =$  \_\_\_\_\_

5.  $4 \times 700 =$  \_\_\_\_\_

6.  $2,000 \times 5 =$  \_\_\_\_\_

7.  $6 \times 400 =$  \_\_\_\_\_

8.  $800 \times 8 =$  \_\_\_\_\_

9.  $600 \times 9 =$  \_\_\_\_\_

**Algebra** Find the missing number in each number sentence.

10.  $9 \times \underline{\hspace{2cm}} = 720$

11.  $\underline{\hspace{2cm}} \times 5,000 = 40,000$

12. The average workweek is 40 hr. How many hours are there in 4 workweeks? \_\_\_\_\_

13. There are 2,000 lb in 1 T. How many pounds are there in 16 T? \_\_\_\_\_

14. Lightning strikes the earth about 200 times each second. How many times does lightning strike the earth in 1 min? \_\_\_\_\_

### Test Prep

15. How many hundreds are there in 2,000?

A. 2,000

B. 200

C. 20

D. 2

16. **Writing in Math** Explain how to use mental math to find  $700 \times 8$ .

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