

Name \_\_\_\_\_

# Using Mental Math to Multiply

Use mental math to find each product.

1.  $150 \times 20 =$

\_\_\_\_\_

2.  $0 \times 50 \times 800 =$

\_\_\_\_\_

3.  $500 \times 40 =$

\_\_\_\_\_

4.  $120 \times 50 =$

\_\_\_\_\_

5.  $60 \times 70 \times 1 =$

\_\_\_\_\_

6.  $9,000 \times 80 =$

\_\_\_\_\_

7.  $100 \times 10 \times 1 =$

\_\_\_\_\_

8.  $1,800 \times 20 \times 0 =$

\_\_\_\_\_

9.  $30 \times 20 =$

\_\_\_\_\_

10.  $1,400 \times 2,000 =$

\_\_\_\_\_

11.  $7,000 \times 50 \times 1 =$

\_\_\_\_\_

12.  $1,000 \times 200 \times 30 =$

\_\_\_\_\_

13. A googol is a large number that is the digit one followed by one hundred zeros. If you multiply a googol by 100, how many zeros will that product have?

\_\_\_\_\_

14. Gregorios drives 200 miles per day for 10 days. How many miles did he drive in all?

\_\_\_\_\_

15. If  $a \times b \times c = 0$ , and  $a$  and  $b$  are integers greater than 10, what must  $c$  equal?

**A** 0

**B** 1

**C** 2

**D** 10

16. SungHee empties her piggy bank and finds that she has 200 quarters, 150 dimes, and 300 pennies. How much money does she have? Explain.

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