

Name \_\_\_\_\_

# Distributive Property

Use the Distributive Property to multiply mentally.

1.  $5 \times 607 =$  \_\_\_\_\_
2.  $16 \times 102 =$  \_\_\_\_\_
3.  $7 \times 420 =$  \_\_\_\_\_
4.  $265 \times 5 =$  \_\_\_\_\_
5.  $44 \times 60 =$  \_\_\_\_\_
6.  $220 \times 19 =$  \_\_\_\_\_
7.  $45 \times 280 =$  \_\_\_\_\_
8.  $341 \times 32 =$  \_\_\_\_\_

9. Fill in the blanks to show how the Distributive Property can be used to find  $10 \times 147$ .

$$10 \times (150 - 3) = (10 \times 150) - (\text{_____} \times 3) =$$

$$1,500 - \text{_____} = \text{_____}$$

10. In 1990, there were 1,133 tornadoes in the U.S. If there were the same number of tornadoes for 10 years in a row, what would be the 10-year total?

\_\_\_\_\_

11. There were 1,071 tornadoes in the U.S. in 2000. What is the number of tornadoes multiplied by 20?

\_\_\_\_\_

12. If  $4 \times 312 = 4 \times 300 + n$ , which is the value of  $n$ ?

**A** 4      **B** 12      **C** 48      **D** 300

13. Margaret said that she used the Distributive Property to solve  $4 \times 444$ . Is her answer shown below correct? Explain.

$$4 \times 444 = 4 \times (400 + 40 + 4) =$$

$$(4 \times 400) + (4 \times 40) + (4 \times 4) =$$

$$1,600 + 160 + 16 = 1,776$$

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