

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 10×147 .

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

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

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 4×444 . Is her answer shown below correct? Explain.

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

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

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