

Name _____

Identify the multiplication problem as zero property, identity property, or commutative property of multiplication.

1. $7 \times 9 = 9 \times 7$ _____

2. $4 \times 0 = 0$ _____

3. $0 \times 9 = 0$ _____

4. $8 \times 1 =$ _____

5. $3 \times 6 = 6 \times 3$ _____

6. $1 \times 25 = 25 \times 1$ _____

7. $327 \times 0 = 0$ _____

8. $1 \times 489 = 489 \times 1$ _____

Complete the equation to show zero property of multiplication.

9. $7 \times \underline{\hspace{1cm}} = 0$ 10. $16 \times 0 = \underline{\hspace{1cm}}$ 11. $\underline{\hspace{1cm}} \times 24 = 0$

Complete the equation to show the identity property of multiplication.

12. $5 \times 1 = \underline{\hspace{1cm}}$ 13. $\underline{\hspace{1cm}} \times 27 = 27$ 14. $8 \times \underline{\hspace{1cm}} = 8$

Complete the equation to show the commutative property of multiplication.

15. $6 \times 4 = \underline{\hspace{1cm}} \times 6$ 16. $4 \times 8 = \underline{\hspace{1cm}} \times \underline{\hspace{1cm}}$

17. $53 \times 3 = 3 \times \underline{\hspace{1cm}}$ 18. $\underline{\hspace{1cm}} \times 3 = \underline{\hspace{1cm}} \times 16$