

Commutative, Associative and Distributive Properties, Identities and Inverses

Directions: Name the property.

1. $17 \cdot 5 = 5 \cdot 17$

2. $6(5 + 8) = 6(5) + 6(8)$

3. $4 + 0 = 4$

4. $(3 \times 7) + 5 = (7 \times 3) + 5$

5. $(-2 \times 3) + 6 = 6 + (-2 \times 3)$

6. $1 \cdot x = x$

7. $(b + 2)a = ba + 2a$

8. $xy + 0 = xy$

9. $19 \cdot x^2 = x^2 \cdot 19$

10. $-6x \cdot 1 = -6x$

11. $8 \cdot \frac{1}{8} = 1$

12. $5 + (-5) = 0$

13. $4(5 \cdot y) = (4 \cdot 5)y$

14. $(6 - 3)5 = 6(5) - 3(5)$

15. $3(8 + 4) = (8 + 4)3$