

Properties – 2

Match the following statements with the correct word description from the column on the right. Write the letter beside corresponding statement.

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|--|---|
| 1) _____ $6 + 15 = 15 + 6$ | a) Distributive property |
| 2) _____ $4(12 \cdot 5) = (4 \cdot 12)5$ | b) Associative property of addition |
| 3) _____ $14(12) = 12(14)$ | c) Commutative property of addition |
| 4) _____ $3 + (a + b) = (a + b) + 3$ | d) Associative property of multiplication |
| 5) _____ $5 + (-5) = 0$ | e) Commutative property of multiplication |
| 6) _____ $-6 + 0 = -6$ | f) Zero factor law |
| 7) _____ $6 \cdot \frac{1}{6} = 1$ | g) Additive identity |
| 8) _____ $\frac{3}{5} \cdot 1 = \frac{3}{5}$ | h) Multiplicative identity |
| 9) _____ $6(5 - x) = 6 \cdot 5 - 6 \cdot x$ | i) Additive inverse |
| 10) _____ $15 \cdot 0 = 0$ | j) Multiplicative inverse |

1) C 2) D 3) E 4) C 5) I 6) G 7) J 8) H 9) A 10) F