

Name: _____ Date: _____ Score: _____

Identify the mathematical property represented by each equation

1). $1 \times (a \times 2) = (1 \times a) \times 2$

- identity property of addition
- associative property of multiplication
- property of zero
- commutative property of addition

2). $b + 3 = 3 + b$

- property of zero
- commutative property of addition
- identity property of multiplication
- associative property of addition

3). $4 + (d + 5) = (4 + d) + 5$

- commutative property of addition
- identity property of multiplication
- associative property of addition
- commutative property of multiplication

4). $n \times 3 = 3 \times n$

- identity property of multiplication
- associative property of addition
- commutative property of multiplication
- identity property of addition

5). $b \times 2 = 2 \times b$

- associative property of addition
- commutative property of multiplication
- identity property of addition
- associative property of multiplication

6). $n \times 0 = 0$

- commutative property of multiplication
- identity property of addition
- associative property of multiplication
- property of zero

7). $c \times 6 = 6 \times c$

- identity property of multiplication
- associative property of addition
- commutative property of multiplication
- identity property of addition

8). $b \times 1 = b$

- commutative property of addition
- identity property of multiplication
- associative property of addition
- commutative property of multiplication

9). $z \times 5 = 5 \times z$

- associative property of addition
- commutative property of multiplication
- identity property of addition
- associative property of multiplication

10). $6 + (d + 7) = (6 + d) + 7$

- identity property of multiplication
- associative property of addition
- commutative property of multiplication
- identity property of addition

Answers

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