

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Score: \_\_\_\_\_

### Identify the mathematical property represented by each equation

1).  $y \times 1 = y$

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

2).  $z \times 1 = z$

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

3).  $c + 6 = 6 + c$

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

4).  $b \times 1 = b$

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

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

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

6).  $c \times 1 = c$

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

7).  $n \times 1 = n$

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

8).  $b \times 1 = b$

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

9).  $b \times 8 = 8 \times b$

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

10).  $a + 0 = a$

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

## Answers

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

9).  $b \times 8 = 8 \times b$

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10).  $a + 0 = a$

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