Name:	Date:	Score:

Identify the mathematical property represented by each equation

т).	u		
	П	associative property of addition	

 $4 \pm 0 - 4$

commutative property of multiplication

identity property of addition

associative property of multiplication

 $d \times 0 = 0$

2).

3). $d \times 0 = 0$ identity property of addition

associative property of multiplication

property of zero

commutative property of addition

4).
$$b + 2 = 2 + b$$

commutative property of addition

property of zero

identity property of multiplication

associative property of addition

commutative property of multiplication

associative property of multiplication

commutative property of addition

5).
$$a \times 0 = 0$$

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identity property of addition

associative property of multiplication

property of zero

commutative property of addition

6).
$$y x 2 = 2 x y$$

commutative property of multiplication

identity property of addition

associative property of multiplication

property of zero

7).
$$z \times 5 = 5 \times z$$

identity property of multiplication

☐ associative property of addition

commutative property of multiplication

identity property of addition

8). $7 \times (z \times 8) = (7 \times z) \times 8$

identity property of addition

associative property of multiplication

property of zero

commutative property of addition

9). $z \times 0 = 0$

☐ identity property of addition

associative property of multiplication

property of zero

commutative property of addition

10). $c \times 0 = 0$

identity property of addition

associative property of multiplication

property of zero

commutative property of addition

Answers

1).	d + 0 = d □ associative property of addition □ commutative property of multiplication □ identity property of addition □ associative property of multiplication	2).	d x 0 = 0 ☐ associative property of multiplication ☐ property of zero ☐ commutative property of addition ☐ identity property of multiplication
3).	d x 0 = 0 ☐ identity property of addition ☐ associative property of multiplication ☐ property of zero ☐ commutative property of addition	4).	 b + 2 = 2 + b ✓ commutative property of addition ☐ identity property of multiplication ☐ associative property of addition ☐ commutative property of multiplication
5).	a x 0 = 0 ☐ identity property of addition ☐ associative property of multiplication ☐ property of zero ☐ commutative property of addition	6).	y x 2 = 2 x y ✓ commutative property of multiplication identity property of addition associative property of multiplication property of zero
7).	z x 5 = 5 x z ☐ identity property of multiplication ☐ associative property of addition ☐ commutative property of multiplication ☐ identity property of addition	8).	7 x (z x 8) = (7 x z) x 8 ☐ identity property of addition ☐ associative property of multiplication ☐ property of zero ☐ commutative property of addition
9).	z x 0 = 0 ☐ identity property of addition ☐ associative property of multiplication ☐ property of zero ☐ commutative property of addition	10).	c x 0 = 0 ☐ identity property of addition ☐ associative property of multiplication ☐ property of zero ☐ commutative property of addition