

Properties of Addition and Multiplication

Date _____ Period _____

For each problem, state whether or not the example matches the property.

1) Example: $7 + 0 = 7$

Identity Property of Addition?

2) Example: $5 + 2 = 2 + 5$

Identity Property of Addition?

3) Example: $7 + 2 = 2 + 7$

Commutative Property of Addition?

4) Example: $4 + (3 + 8) = (4 + 3) + 8$

Associative Property of Addition?

5) Example: $8 \times 9 = 9 \times 8$

Associative Property of Multiplication?

6) Example: $9 \times 1 = 9$

Identity Property of Multiplication?

7) Example: $2 \times 4 = 4 \times 2$

Commutative Property of Multiplication?

8) Example: $(10 \times 6) \times 8 = 10 \times (6 \times 8)$

Associative Property of Multiplication?

For each problem, identify the property.

9) $7 + 8 = 8 + 7$

10) $9 \times 4 = 4 \times 9$

11) $2 \times 1 = 2$

12) $0 + 10 = 10$

13) $8 + 7 = 7 + 8$

14) $(4 \times 8) \times 5 = 4 \times (8 \times 5)$

15) $(7 + 5) + 6 = 7 + (5 + 6)$

16) $6 + 0 = 6$

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Associative Property of Multiplication

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Associative Property of Addition

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Identity Property of Addition