

Name: _____

Score: _____

Identify the Property

Sheet 1

Find the property used in each question.

1) $4 + 9 = 9 + 4$

Property: _____

2) $2 \times \frac{1}{2} = 1$

Property: _____

3) $9 \times (8 + 2) = 9 \times 8 + 9 \times 2$

Property: _____

4) $11 \times (7 \times 5) = (11 \times 7) \times 5$

Property: _____

5) $2 + 0 = 2$

Property: _____

7) $(9 + 2) + 6 =$

Property: _____

9) $-3 + 3 = 0$

Property: _____

11) $8 \times 13 = 13$

Property: _____

13) $5 + 8 + 2 = 5 + 2 + 8$

Property: _____

14) $(5 \times 3) \times 6 = 5 \times (3 \times 6)$

Property: _____

15) $7 + (3 + 5) = (7 + 3) + 5$

Property: _____

16) $9 + (-9) = 0$

Property: _____

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Name: _____

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Answer key

Identify the Property

Sheet 1

1) $4 + 9 = 9 + 4$ Property: Commutative property of addition	2) $2 \times \frac{1}{2} = 1$ Property: Inverse property of multiplication
3) $9 \times (8 + 2) = 9 \times 8 + 9 \times 2$ Property: Distributive property of multiplication	4) $11 \times (7 \times 5) = (11 \times 7) \times 5$ Property: Associative property of multiplication
5) $2 + 0 = 2$ Property: Identity property of addition	6) $0 \times 5 = 0$ Property: Zero property of multiplication
7) $(9 + 2) + 6 = 9 + (2 + 6)$ Property: Associative property of addition	8) $3 \times (4 + 12) = 3 \times 4 + 3 \times 12$ Property: Distributive property of multiplication over addition
9) $-3 + 3 = 0$ Property: Inverse property of addition	10) $5 \times 1 = 5$ Property: Identity property of multiplication
11) $8 \times 13 = 13 \times 8$ Property: Commutative property of multiplication	12) $(2 + 3) + 4 = 2 + (3 + 4)$ Property: Associative property of addition
13) $5 + 8 + 2 = 5 + 2 + 8$ Property: Commutative property of addition	14) $(5 \times 3) \times 6 = 5 \times (3 \times 6)$ Property: Associative property of multiplication
15) $7 + (3 + 5) = (7 + 3) + 5$ Property: Associative property of addition	16) $9 + (-9) = 0$ Property: Inverse property of addition

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