

Name: _____

Score: _____

Identify the Property

Sheet 2

Find the property used in each question.

1) $9 \times (5 + 3) = 9 \times 5 + 9 \times 3$

Property: _____

2) $8 + (-8) = 0$

Property: _____

3) $7 + 3 = 3 + 7$

Property: _____

4) $10 \times (6 \times 2) = (10 \times 6) \times 2$

Property: _____

5) $5 \times 12 = 12 \times 5$

Property: _____

7) $(6 + 3) + 14 = 6 + (3 + 14)$

Property: _____

9) $(8 \times 12) \times 3 = 8 \times (12 \times 3)$

Property: _____

11) $11 + (-11) = 0$

Property: _____

13) $13 + 5 = 5 + 13$

Property: _____

14) $15 \times (7 + 9) = 15 \times 7 + 15 \times 9$

Property: _____

15) $10 + (2 + 6) = (10 + 2) + 6$

Property: _____

16) $7 + 0 = 7$

Property: _____

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Answer key

Identify the Property

Sheet 2

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

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