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: _____ _____	6) $11 \times 1 = 11$ Property: _____ _____
7) $(6 + 3) + 14 = 6 + (3 + 14)$ Property: _____ _____	8) $\frac{1}{2} \times 2 = 1$ Property: _____ _____
9) $(8 \times 12) \times 3 = 8 \times (12 \times 3)$ Property: _____ _____	10) $15 + 0 = 15$ Property: _____ _____
11) $11 + (-11) = 0$ Property: _____ _____	12) $9 + 7 + 6 = 9 + 6 + 7$ 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: _____ _____

Name: _____ Score:

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