

Name: _____

Score: _____

Identify the Property

Find the property used in each question.

1) $9 + (5 + 3) = (9 + 5) + 3$ Property: _____ _____	2) $8 + 0 = 8$ 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) $1(23) = 23$ Property: _____ _____
9) $(x + y) + z = x + (y + z)$ Property: _____ _____	10) $x + 0 = x$ Property: _____ _____
11) $1(y) = y$ Property: _____ _____	12) $x + y + z = x + z + y$ Property: _____ _____
13) $w + n = n + w$ Property: _____ _____	14) $pqr = rqp$ Property: _____ _____
15) $x(yz) = (xy)z$ Property: _____ _____	16) $0 + n = n$ Property: _____ _____

key

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Identify the Property

Find the property used in each question.

1) $9 + (5 + 3) = (9 + 5) + 3$ Property: <u>Associative Property of addition</u>	2) $8 + 0 = 8$ Property: <u>Identity Property of addition</u>
3) $7 + 3 = 3 + 7$ Property: <u>Commutative property of addition</u>	4) $10 \times (6 \times 2) = (10 \times 6) \times 2$ Property: <u>Associative property of multiplication</u>
5) $5 \times 12 = 12 \times 5$ Property: <u>Commutative property of multiplication</u>	6) $11 \times 1 = 11$ Property: <u>Identity property of multiplication</u>
7) $(6 + 3) + 14 = 6 + (3 + 14)$ Property: <u>Associative Property of addition</u>	8) $1(23) = 23$ Property: <u>Identity property of multiplication</u>
9) $(x + y) + z = x + (y + z)$ Property: <u>associative property of addition</u>	10) $x + 0 = x$ Property: <u>identity property of addition</u>
11) $1(y) = y$ Property: <u>identity property of multiplication</u>	12) $x + y + z = x + z + y$ Property: <u>Commutative property of addition</u>
13) $w + n = n + w$ Property: <u>Commutative property of addition</u>	14) $pqr = rqp$ Property: <u>Commutative property of multiplication</u>
15) $x(yz) = (xy)z$ Property: <u>associative property of multiplication</u>	16) $0 + n = n$ Property: <u>identity property of addition</u>