

Name: _____

Score: _____

Multiplication Properties

Sheet 1

Identify the multiplication property used in each question.

1) $9 \times 1 = 9$ Property: _____	2) $13 \times (7 + 2) = 13 \times 7 + 13 \times 2$ Property: _____
3) $6 \times (10 \times 3) = (6 \times 10) \times 3$ Property: _____	4) $4 \times 1 = 4$ Property: _____
5) $\frac{1}{5} \times 5 = 1$ Property: _____	6) $11 \times 6 = 6 \times 11$ Property: _____
7) $4 \times (7 \times 12) = (4 \times 7) \times 12$ Property: _____	8) $14 \times (7 + 5) = 14 \times 7 + 14 \times 5$ Property: _____
9) $10 \times (6 + 3) = 10 \times 6 + 10 \times 3$ Property: _____	10) $1 \times 3 = 3$ Property: _____
11) $8 \times (5 \times 10) = (8 \times 5) \times 10$ Property: _____	12) $8 \times \frac{1}{8} = 1$ Property: _____
13) $11 \times 1 = 11$ Property: _____	14) $12 \times 7 = 7 \times 12$ Property: _____
15) $9 \times (3 \times 6) = (9 \times 3) \times 6$ Property: _____	16) $14 \times (6 + 5) = 14 \times 6 + 14 \times 5$ Property: _____
17) $2 \times 1 = 2$ Property: _____	18) $10 \times 9 = 9 \times 10$ Property: _____
19) $4 \times \frac{1}{4} = 1$ Property: _____	20) $15 \times (5 + 8) = 15 \times 5 + 15 \times 8$ Property: _____

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Answer key**Multiplication Properties**

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1) $9 \times 1 = 9$ Property: <i>Identity</i>	2) $13 \times (7 + 2) = 13 \times 7 + 13 \times 2$ Property: <i>Distributive</i>
3) $6 \times (10 \times 3) = (6 \times 10) \times 3$ Property: <i>Associative</i>	4) $4 \times 1 = 4$ Property: <i>Identity</i>
5) $\frac{1}{5} \times 5 = 1$ Property: <i>Inverse</i>	6) $11 \times 6 = 6 \times 11$ Property: <i>Commutative</i>
7) $4 \times (7 \times 12) = (4 \times 7) \times 12$ Property: <i>Associative</i>	8) $14 \times (7 + 5) = 14 \times 7 + 14 \times 5$ Property: <i>Distributive</i>
9) $10 \times (6 + 3) = 10 \times 6 + 10 \times 3$ Property: <i>Distributive</i>	10) $1 \times 3 = 3$ Property: <i>Identity</i>
11) $8 \times (5 \times 10) = (8 \times 5) \times 10$ Property: <i>Associative</i>	12) $8 \times \frac{1}{8} = 1$ Property: <i>Inverse</i>
13) $11 \times 1 = 11$ Property: <i>Identity</i>	14) $12 \times 7 = 7 \times 12$ Property: <i>Commutative</i>
15) $9 \times (3 \times 6) = (9 \times 3) \times 6$ Property: <i>Associative</i>	16) $14 \times (6 + 5) = 14 \times 6 + 14 \times 5$ Property: <i>Distributive</i>
17) $2 \times 1 = 2$ Property: <i>Identity</i>	18) $10 \times 9 = 9 \times 10$ Property: <i>Commutative</i>
19) $4 \times \frac{1}{4} = 1$ Property: <i>Inverse</i>	20) $15 \times (5 + 8) = 15 \times 5 + 15 \times 8$ Property: <i>Distributive</i>