

Name: _____

Score: _____

Addition Properties

Identify the addition property used in each question.

1) $5 + (-5) = 0$ Property: _____	2) $7 + (1 + 9) = (7 + 1) + 9$ Property: _____
3) $4 + 6 = 6 + 4$ Property: _____	4) $3 + 0 = 3$ Property: _____
5) $(11 + 2) + 8 = 11 + (2 + 8)$ Property: _____	6) $9 + 5 = 5 + 9$ Property: _____
7) $7 + 0 = 7$ Property: _____	8) $8 + 10 = 10 + 8$ Property: _____
9) $(-2) + 2 = 0$ Property: _____	10) $12 + 0 = 12$ Property: _____
11) $9 + (3 + 4) = (9 + 3) + 4$ Property: _____	12) $6 + (-6) = 0$ Property: _____
13) $8 + 13 = 13 + 8$ Property: _____	14) $5 + 1 = 1 + 5$ Property: _____
15) $0 + 1 = 1$ Property: _____	16) $(2 + 5) + 8 = 2 + (5 + 8)$ Property: _____
17) $10 + 2 = 2 + 10$ Property: _____	18) $(-11) + 0 = -11$ Property: _____
19) $6 + (3 + 7) = (6 + 3) + 7$ Property: _____	20) $(-9) + 9 = 0$ Property: _____

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Multiplication Properties

Identify the multiplication property used in each question.

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