

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)  $(6 + 3) + 14 = 9 + 14$

Property: \_\_\_\_\_

9)  $(8 \times 12) \times 3 = 96 \times 3$

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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Name: \_\_\_\_\_

Score: \_\_\_\_\_

**Answer key**

**Identify the Property**

Sheet 2

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

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