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Properties of Multiplication Match Worksheet 1

Determine which letter best represents the property listed.

1. Which of the following is an example of the Commutative Property of Multiplication?

A. (3 x 4) x 5 = 3 x (4 x 5)

B. 24 x 4 = 4 x 24

C. 28 x 1= 28

D. 14 x 6 = 84

2. Which of the following is an example of the Associative Property of Multiplication?

A. (6 + 8) + 5 = 6 + (8 + 5)

B. (9 x 4) x 5 = 9 x (4 x 5)

C. 12 x 4 = 4 x 12

D. 13 x 1 = 13

3. Which of the following is an example of the Identity Property of Multiplication?

A. 14 x (6 x 8) = (14 x 6) x 8

B. 14 x (2 + 8) = (14 x 2) + (4 x 8)

C. 14 x 1 = 14

D. 14 x 8 = 8 x 14

4. Which of the following is an example of the Distributive Property of Multiplication?

A. 9 × (5 + 8) = (9 × 5) + (9 × 8)

B. 9 × 5 = 5 × 9

C. 9 × (5 × 8) = (9 × 5) × 8

D. 9 × 1 = 9

5. Which of the following is an example of the Commutative Property of Multiplication?

A. 9 x (5 + 2) = (9 x 5) + (9 x 2)

B. 9 x (5 x 2) = (9 x 5) x 2

C. 9 x 5 = 5 x 9

D. 9 x 1 = 9

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6. Which of the following is an example of the Identity Property of Multiplication?

A. $4 \times 1 = 4$

B. $4 \times 7 = 7 \times 4$

C. $4 \times (7 + 9) = (4 \times 7) + (4 \times 9)$

D. $4 \times (7 \times 9) = (4 \times 7) \times 9$

7. Which of the following is an example of the Associative Property of Multiplication?

A. $4 \times (7 + 2) = (4 \times 7) + (4 \times 2)$

B. $17 \times (9 \times 8) = (17 \times 9) \times 8$

C. $2 \times 9 = 9 \times 2$

D. $4 \times 1 = 4$

8. Which of the following is an example of the Distributive Property of Multiplication?

A. $12 \times 1 = 12$

B. $12 \times 9 = 9 \times 12$

C. $14 \times (7 \times 2) = (14 \times 7) \times 2$

D. $12 \times (9 + 3) = (12 \times 9) + (12 \times 3)$

9. Which of the following is an example of the Commutative Property of Multiplication?

A. $6 \times (9 \times 6) = (6 \times 9) \times 6)$

B. $6 \times 5 = 5 \times 6$

C. $6 \times (9 + 6) = (6 \times 9) + (6 \times 6)$

D. $6 \times 1 = 6$

10. Which of the following is an example of the Identity Property of Multiplication?

A. $2 \times (5 + 9) = (2 \times 5) + (2 \times 9)$

B. $2 \times 1 = 2$

C. $2 \times (5 \times 9) = (2 \times 5) \times 9$

D. $2 \times 9 = 9 \times 2$

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11. Which of the following is an example of the Associative Property of Multiplication?

A. $14 \times (7 + 5) = 14 \times 7 + 14 \times 5$

B. $7 \times (6 \times 8) = (7 \times 6) \times 8$

C. $6 \times 9 = 9 \times 6$

D. $6 \times 1 = 6$

12. Which of the following is an example of the Distributive Property of Multiplication?

A. $6 \times (9 \times 8) = (6 \times 9) \times 8$

B. $7 \times 1 = 7$

C. $7 \times 6 = 6 \times 7$

D. $6 \times (9 + 3) = (6 \times 9) + (6 \times 3)$