Finding Commutative Property of Multiplication   Name:

Determine which choice best shows the commutative property of multiplication.

1) A. $10 \times (7 \times 6) = (10 \times 7) \times 6$

    B. $1 \times 10 = 10$

    C. $10 \times (7 + 6) = (10 \times 7) + (10 \times 6)$

    D. $10 \times 7 = 7 \times 10$

2) A. $9 \times (7 \times 4) = (9 \times 7) \times 4$

    B. $9 \times 7 = 7 \times 9$

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

    D. $1 \times 9 = 9$

3) A. $5 \times (1 \times 8) = (5 \times 1) \times 8$

    B. $5 \times (1 + 8) = (5 \times 1) + (5 \times 8)$

    C. $5 \times 1 = 1 \times 5$

    D. $1 \times 5 = 5$

4) A. $(0 \times 7) \times 3 = 0 \times (7 \times 3)$

    B. $0 \times 7 = 7 \times 0$

    C. $0 \times 1 = 0$

    D. $(0 \times 7) + (0 \times 3) = 0 \times (7 + 3)$

5) A. $4 \times (1 \times 7) = (4 \times 1) \times 7$

    B. $4 \times 1 = 1 \times 4$

    C. $1 \times 4 = 4$

    D. $4 \times (1 + 7) = (4 \times 1) + (4 \times 7)$

6) A. $8 \times 5 = 5 \times 8$

    B. $8 \times 1 = 8$

    C. $(8 \times 5) \times 0 = 8 \times (5 \times 0)$

    D. $(8 \times 5) + (8 \times 0) = 8 \times (5 + 0)$

7) A. $0 \times (3 \times 10) = (0 \times 3) \times 10$

    B. $1 \times 0 = 0$

    C. $0 \times 3 = 3 \times 0$

    D. $0 \times (3 + 10) = (0 \times 3) + (0 \times 10)$

8) A. $8 \times (3 + 6) = (8 \times 3) + (8 \times 6)$

    B. $8 \times 3 = 3 \times 8$

    C. $1 \times 8 = 8$

    D. $8 \times (3 \times 6) = (8 \times 3) \times 6$

9) A. $9 \times (0 \times 1) = (9 \times 0) \times 1$

    B. $1 \times 9 = 9$

    C. $9 \times 0 = 0 \times 9$

    D. $9 \times (0 + 1) = (9 \times 0) + (9 \times 1)$

10) A. $10 \times 9 = 9 \times 10$

    B. $10 \times 1 = 10$

    C. $(10 \times 9) + (10 \times 8) = 10 \times (9 + 8)$

    D. $(10 \times 9) \times 8 = 10 \times (9 \times 8)$

11) A. $(6 \times 3) + (6 \times 0) = 6 \times (3 + 0)$

    B. $(6 \times 3) \times 0 = 6 \times (3 \times 0)$

    C. $6 \times 3 = 3 \times 6$

    D. $6 \times 1 = 6$

12) A. $4 \times 2 = 2 \times 4$

    B. $4 \times (2 \times 7) = (4 \times 2) \times 7$

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

    D. $1 \times 4 = 4$

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

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12) A. $4 \times 2 = 2 \times 4$
B. $4 \times (2 \times 7) = (4 \times 2) \times 7$
C. $4 \times (2 + 7) = (4 \times 2) + (4 \times 7)$
D. $1 \times 4 = 4$

Answers

1. **D**
2. **B**
3. **C**
4. **B**
5. **B**
6. **A**
7. **C**
8. **B**
9. **C**
10. **A**
11. **C**
12. **A**

Math

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								