



Determine which choice best shows the associative property of multiplication.

Answers

- 1) A. $2 \times 1 = 2$
 B. $2 \times 8 = 8 \times 2$
 C. $(2 \times 8) + (2 \times 1) = 2 \times (8 + 1)$
 D. $(2 \times 8) \times 1 = 2 \times (8 \times 1)$

- 2) A. $2 \times 9 = 9 \times 2$
 B. $2 \times 1 = 2$
 C. $(2 \times 9) \times 7 = 2 \times (9 \times 7)$
 D. $(2 \times 9) + (2 \times 7) = 2 \times (9 + 7)$

- 3) A. $0 \times (9 \times 8) = (0 \times 9) \times 8$
 B. $1 \times 0 = 0$
 C. $0 \times 9 = 9 \times 0$
 D. $0 \times (9 + 8) = (0 \times 9) + (0 \times 8)$

- 4) A. $0 \times 1 = 0$
 B. $(0 \times 9) + (0 \times 2) = 0 \times (9 + 2)$
 C. $0 \times 9 = 9 \times 0$
 D. $(0 \times 9) \times 2 = 0 \times (9 \times 2)$

- 5) A. $(6 \times 4) + (6 \times 0) = 6 \times (4 + 0)$
 B. $6 \times 4 = 4 \times 6$
 C. $(6 \times 4) \times 0 = 6 \times (4 \times 0)$
 D. $6 \times 1 = 6$

- 6) A. $3 \times 7 = 7 \times 3$
 B. $3 \times (7 \times 6) = (3 \times 7) \times 6$
 C. $1 \times 3 = 3$
 D. $3 \times (7 + 6) = (3 \times 7) + (3 \times 6)$

- 7) A. $9 \times (6 \times 8) = (9 \times 6) \times 8$
 B. $1 \times 9 = 9$
 C. $9 \times (6 + 8) = (9 \times 6) + (9 \times 8)$
 D. $9 \times 6 = 6 \times 9$

- 8) A. $3 \times 8 = 8 \times 3$
 B. $3 \times (8 + 1) = (3 \times 8) + (3 \times 1)$
 C. $1 \times 3 = 3$
 D. $3 \times (8 \times 1) = (3 \times 8) \times 1$

- 9) A. $4 \times 3 = 3 \times 4$
 B. $1 \times 4 = 4$
 C. $4 \times (3 \times 6) = (4 \times 3) \times 6$
 D. $4 \times (3 + 6) = (4 \times 3) + (4 \times 6)$

- 10) A. $1 \times 8 = 8 \times 1$
 B. $1 \times 1 = 1$
 C. $1 \times (8 + 4) = (1 \times 8) + (1 \times 4)$
 D. $1 \times (8 \times 4) = (1 \times 8) \times 4$

- 11) A. $1 \times 1 = 1$
 B. $1 \times (9 \times 5) = (1 \times 9) \times 5$
 C. $1 \times 9 = 9 \times 1$
 D. $1 \times (9 + 5) = (1 \times 9) + (1 \times 5)$

- 12) A. $(6 \times 8) \times 9 = 6 \times (8 \times 9)$
 B. $6 \times 8 = 8 \times 6$
 C. $6 \times 1 = 6$
 D. $(6 \times 8) + (6 \times 9) = 6 \times (8 + 9)$

1. _____
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1. **D**

2. **C**

3. **A**

4. **D**

5. **C**

6. **B**

7. **A**

8. **D**

9. **C**

10. **D**

11. **B**

12. **A**