



Determine which choice best shows the distributive property of multiplication.

Answers

- 1) A. $0 \times (7 \times 4) = (0 \times 7) \times 4$
 B. $0 \times (7 + 4) = (0 \times 7) + (0 \times 4)$
 C. $1 \times 0 = 0$
 D. $0 \times 7 = 7 \times 0$

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

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

- 4) A. $2 \times 7 = 7 \times 2$
 B. $(2 \times 7) + (2 \times 8) = 2 \times (7 + 8)$
 C. $2 \times 1 = 2$
 D. $(2 \times 7) \times 8 = 2 \times (7 \times 8)$

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

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

- 7) A. $(6 \times 10) \times 9 = 6 \times (10 \times 9)$
 B. $(6 \times 10) + (6 \times 9) = 6 \times (10 + 9)$
 C. $6 \times 1 = 6$
 D. $6 \times 10 = 10 \times 6$

- 8) A. $10 \times 1 = 10$
 B. $(10 \times 5) \times 1 = 10 \times (5 \times 1)$
 C. $(10 \times 5) + (10 \times 1) = 10 \times (5 + 1)$
 D. $10 \times 5 = 5 \times 10$

- 9) A. $3 \times (10 \times 2) = (3 \times 10) \times 2$
 B. $1 \times 3 = 3$
 C. $3 \times 10 = 10 \times 3$
 D. $3 \times (10 + 2) = (3 \times 10) + (3 \times 2)$

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

- 11) A. $9 \times (7 + 4) = (9 \times 7) + (9 \times 4)$
 B. $9 \times 7 = 7 \times 9$
 C. $1 \times 9 = 9$
 D. $9 \times (7 \times 4) = (9 \times 7) \times 4$

- 12) A. $8 \times 1 = 8$
 B. $(8 \times 9) + (8 \times 4) = 8 \times (9 + 4)$
 C. $8 \times 9 = 9 \times 8$
 D. $(8 \times 9) \times 4 = 8 \times (9 \times 4)$

1. _____
 2. _____
 3. _____
 4. _____
 5. _____
 6. _____
 7. _____
 8. _____
 9. _____
 10. _____
 11. _____
 12. _____



Determine which choice best shows the distributive property of multiplication.

Answers

- 1) A. $0 \times (7 \times 4) = (0 \times 7) \times 4$
 B. $0 \times (7 + 4) = (0 \times 7) + (0 \times 4)$
 C. $1 \times 0 = 0$
 D. $0 \times 7 = 7 \times 0$

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

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

- 4) A. $2 \times 7 = 7 \times 2$
 B. $(2 \times 7) + (2 \times 8) = 2 \times (7 + 8)$
 C. $2 \times 1 = 2$
 D. $(2 \times 7) \times 8 = 2 \times (7 \times 8)$

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

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

- 7) A. $(6 \times 10) \times 9 = 6 \times (10 \times 9)$
 B. $(6 \times 10) + (6 \times 9) = 6 \times (10 + 9)$
 C. $6 \times 1 = 6$
 D. $6 \times 10 = 10 \times 6$

- 8) A. $10 \times 1 = 10$
 B. $(10 \times 5) \times 1 = 10 \times (5 \times 1)$
 C. $(10 \times 5) + (10 \times 1) = 10 \times (5 + 1)$
 D. $10 \times 5 = 5 \times 10$

- 9) A. $3 \times (10 \times 2) = (3 \times 10) \times 2$
 B. $1 \times 3 = 3$
 C. $3 \times 10 = 10 \times 3$
 D. $3 \times (10 + 2) = (3 \times 10) + (3 \times 2)$

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

- 11) A. $9 \times (7 + 4) = (9 \times 7) + (9 \times 4)$
 B. $9 \times 7 = 7 \times 9$
 C. $1 \times 9 = 9$
 D. $9 \times (7 \times 4) = (9 \times 7) \times 4$

- 12) A. $8 \times 1 = 8$
 B. $(8 \times 9) + (8 \times 4) = 8 \times (9 + 4)$
 C. $8 \times 9 = 9 \times 8$
 D. $(8 \times 9) \times 4 = 8 \times (9 \times 4)$

1. **B**

2. **B**

3. **B**

4. **B**

5. **B**

6. **D**

7. **B**

8. **C**

9. **D**

10. **D**

11. **A**

12. **B**