



Determine which choice best shows the distributive property of multiplication.

Answers

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

- 2) A. $0 \times 1 = 0$
 B. $0 \times 6 = 6 \times 0$
 C. $(0 \times 6) \times 2 = 0 \times (6 \times 2)$
 D. $(0 \times 6) + (0 \times 2) = 0 \times (6 + 2)$

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

- 4) A. $8 \times 5 = 5 \times 8$
 B. $(8 \times 5) \times 4 = 8 \times (5 \times 4)$
 C. $(8 \times 5) + (8 \times 4) = 8 \times (5 + 4)$
 D. $8 \times 1 = 8$

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

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

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

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

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

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

- 11) A. $1 \times 3 = 3$
 B. $3 \times (4 + 7) = (3 \times 4) + (3 \times 7)$
 C. $3 \times 4 = 4 \times 3$
 D. $3 \times (4 \times 7) = (3 \times 4) \times 7$

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

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

- 2) A. $0 \times 1 = 0$
 B. $0 \times 6 = 6 \times 0$
 C. $(0 \times 6) \times 2 = 0 \times (6 \times 2)$
 D. $(0 \times 6) + (0 \times 2) = 0 \times (6 + 2)$

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

- 4) A. $8 \times 5 = 5 \times 8$
 B. $(8 \times 5) \times 4 = 8 \times (5 \times 4)$
 C. $(8 \times 5) + (8 \times 4) = 8 \times (5 + 4)$
 D. $8 \times 1 = 8$

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

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

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

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

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

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

- 11) A. $1 \times 3 = 3$
 B. $3 \times (4 + 7) = (3 \times 4) + (3 \times 7)$
 C. $3 \times 4 = 4 \times 3$
 D. $3 \times (4 \times 7) = (3 \times 4) \times 7$

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

1. **A**

2. **D**

3. **A**

4. **C**

5. **A**

6. **C**

7. **A**

8. **B**

9. **D**

10. **C**

11. **B**

12. **D**