



Determine which choice best shows the distributive property of multiplication.

Answers

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

- 2) A. $7 \times 2 = 2 \times 7$
 B. $7 \times (2 + 6) = (7 \times 2) + (7 \times 6)$
 C. $7 \times (2 \times 6) = (7 \times 2) \times 6$
 D. $1 \times 7 = 7$

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

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

- 5) A. $(2 \times 8) + (2 \times 6) = 2 \times (8 + 6)$
 B. $2 \times 8 = 8 \times 2$
 C. $(2 \times 8) \times 6 = 2 \times (8 \times 6)$
 D. $2 \times 1 = 2$

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

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

- 8) A. $3 \times (2 + 4) = (3 \times 2) + (3 \times 4)$
 B. $1 \times 3 = 3$
 C. $3 \times 2 = 2 \times 3$
 D. $3 \times (2 \times 4) = (3 \times 2) \times 4$

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

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

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

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

1. _____
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1. **B**

2. **B**

3. **D**

4. **B**

5. **A**

6. **D**

7. **B**

8. **A**

9. **A**

10. **D**

11. **A**

12. **A**