

**Determine which choice best shows the distributive property of multiplication.****Answers**

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

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

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

- 4) A. $(4 \times 0) + (4 \times 3) = 4 \times (0 + 3)$
B. $(4 \times 0) \times 3 = 4 \times (0 \times 3)$
C. $4 \times 1 = 4$
D. $4 \times 0 = 0 \times 4$

- 5) A. $(3 \times 0) \times 10 = 3 \times (0 \times 10)$
B. $3 \times 1 = 3$
C. $(3 \times 0) + (3 \times 10) = 3 \times (0 + 10)$
D. $3 \times 0 = 0 \times 3$

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

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

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

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

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

- 11) A. $10 \times (0 + 7) = (10 \times 0) + (10 \times 7)$
B. $10 \times 0 = 0 \times 10$
C. $10 \times (0 \times 7) = (10 \times 0) \times 7$
D. $1 \times 10 = 10$

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

1. _____

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

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