

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

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

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

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

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

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

- 6) A. $(10 \times 5) \times 2 = 10 \times (5 \times 2)$
B. $(10 \times 5) + (10 \times 2) = 10 \times (5 + 2)$
C. $10 \times 1 = 10$
D. $10 \times 5 = 5 \times 10$

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

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

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

- 10) A. $(6 \times 8) \times 3 = 6 \times (8 \times 3)$
B. $6 \times 8 = 8 \times 6$
C. $(6 \times 8) + (6 \times 3) = 6 \times (8 + 3)$
D. $6 \times 1 = 6$

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

- 12) A. $2 \times 1 = 2$
B. $(2 \times 10) \times 6 = 2 \times (10 \times 6)$
C. $2 \times 10 = 10 \times 2$
D. $(2 \times 10) + (2 \times 6) = 2 \times (10 + 6)$

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