

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

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

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

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

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

- 5) A. $8 \times (4 \times 0) = (8 \times 4) \times 0$
B. $8 \times 4 = 4 \times 8$
C. $1 \times 8 = 8$
D. $8 \times (4 + 0) = (8 \times 4) + (8 \times 0)$

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

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

- 8) A. $7 \times (2 + 5) = (7 \times 2) + (7 \times 5)$
B. $7 \times (2 \times 5) = (7 \times 2) \times 5$
C. $1 \times 7 = 7$
D. $7 \times 2 = 2 \times 7$

- 9) A. $3 \times 0 = 0 \times 3$
B. $(3 \times 0) + (3 \times 2) = 3 \times (0 + 2)$
C. $3 \times 1 = 3$
D. $(3 \times 0) \times 2 = 3 \times (0 \times 2)$

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

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

- 12) 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. $0 \times 3 = 3 \times 0$

1. _____
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10. _____
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D. $0 \times 3 = 3 \times 0$

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