

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

- 1) A. $0 \times 1 = 0$
B. $(0 \times 8) \times 2 = 0 \times (8 \times 2)$
C. $0 \times 8 = 8 \times 0$
D. $(0 \times 8) + (0 \times 2) = 0 \times (8 + 2)$

- 2) A. $1 \times 0 = 0$
B. $0 \times (9 \times 10) = (0 \times 9) \times 10$
C. $0 \times (9 + 10) = (0 \times 9) + (0 \times 10)$
D. $0 \times 9 = 9 \times 0$

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

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

- 5) A. $(6 \times 0) \times 8 = 6 \times (0 \times 8)$
B. $6 \times 1 = 6$
C. $6 \times 0 = 0 \times 6$
D. $(6 \times 0) + (6 \times 8) = 6 \times (0 + 8)$

- 6) A. $(10 \times 8) + (10 \times 0) = 10 \times (8 + 0)$
B. $(10 \times 8) \times 0 = 10 \times (8 \times 0)$
C. $10 \times 8 = 8 \times 10$
D. $10 \times 1 = 10$

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

- 8) A. $6 \times 2 = 2 \times 6$
B. $(6 \times 2) \times 9 = 6 \times (2 \times 9)$
C. $6 \times 1 = 6$
D. $(6 \times 2) + (6 \times 9) = 6 \times (2 + 9)$

- 9) A. $6 \times 0 = 0 \times 6$
B. $6 \times (0 + 8) = (6 \times 0) + (6 \times 8)$
C. $1 \times 6 = 6$
D. $6 \times (0 \times 8) = (6 \times 0) \times 8$

- 10) A. $8 \times (2 + 0) = (8 \times 2) + (8 \times 0)$
B. $1 \times 8 = 8$
C. $8 \times 2 = 2 \times 8$
D. $8 \times (2 \times 0) = (8 \times 2) \times 0$

- 11) A. $(9 \times 10) + (9 \times 7) = 9 \times (10 + 7)$
B. $9 \times 1 = 9$
C. $9 \times 10 = 10 \times 9$
D. $(9 \times 10) \times 7 = 9 \times (10 \times 7)$

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

1. _____
2. _____
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B. $1 \times 1 = 1$
C. $(1 \times 2) \times 0 = 1 \times (2 \times 0)$
D. $1 \times 2 = 2 \times 1$

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