

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

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

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

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

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

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

- 6) A. $2 \times (10 \times 7) = (2 \times 10) \times 7$
B. $1 \times 2 = 2$
C. $2 \times (10 + 7) = (2 \times 10) + (2 \times 7)$
D. $2 \times 10 = 10 \times 2$

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

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

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

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

- 11) A. $(4 \times 0) + (4 \times 10) = 4 \times (0 + 10)$
B. $4 \times 0 = 0 \times 4$
C. $4 \times 1 = 4$
D. $(4 \times 0) \times 10 = 4 \times (0 \times 10)$

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

1. _____

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D. $6 \times 1 = 6$

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