

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

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

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

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

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

- 5) A. $0 \times 1 = 0$
B. $0 \times 6 = 6 \times 0$
C. $(0 \times 6) + (0 \times 3) = 0 \times (6 + 3)$
D. $(0 \times 6) \times 3 = 0 \times (6 \times 3)$

- 6) A. $6 \times 1 = 6$
B. $6 \times 0 = 0 \times 6$
C. $(6 \times 0) + (6 \times 4) = 6 \times (0 + 4)$
D. $(6 \times 0) \times 4 = 6 \times (0 \times 4)$

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

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

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

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

- 11) A. $5 \times 3 = 3 \times 5$
B. $5 \times 1 = 5$
C. $(5 \times 3) \times 6 = 5 \times (3 \times 6)$
D. $(5 \times 3) + (5 \times 6) = 5 \times (3 + 6)$

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

1. _____

2. _____

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11. _____

12. _____

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