

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

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

- 2) A. $10 \times (8 \times 5) = (10 \times 8) \times 5$
B. $10 \times 8 = 8 \times 10$
C. $1 \times 10 = 10$
D. $10 \times (8 + 5) = (10 \times 8) + (10 \times 5)$

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

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

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

- 6) A. $3 \times 1 = 3$
B. $3 \times 7 = 7 \times 3$
C. $(3 \times 7) \times 6 = 3 \times (7 \times 6)$
D. $(3 \times 7) + (3 \times 6) = 3 \times (7 + 6)$

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

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

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

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

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

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

1. _____

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