

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

- 1) A. $(5 \times 2) \times 9 = 5 \times (2 \times 9)$
B. $5 \times 1 = 5$
C. $(5 \times 2) + (5 \times 9) = 5 \times (2 + 9)$
D. $5 \times 2 = 2 \times 5$

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

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

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

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

- 6) A. $8 \times 1 = 8$
B. $(8 \times 7) + (8 \times 9) = 8 \times (7 + 9)$
C. $8 \times 7 = 7 \times 8$
D. $(8 \times 7) \times 9 = 8 \times (7 \times 9)$

- 7) A. $5 \times 1 = 5$
B. $(5 \times 9) + (5 \times 8) = 5 \times (9 + 8)$
C. $5 \times 9 = 9 \times 5$
D. $(5 \times 9) \times 8 = 5 \times (9 \times 8)$

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

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

- 10) A. $3 \times (5 \times 4) = (3 \times 5) \times 4$
B. $3 \times (5 + 4) = (3 \times 5) + (3 \times 4)$
C. $3 \times 5 = 5 \times 3$
D. $1 \times 3 = 3$

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

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

1. _____
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D. $(0 \times 7) \times 2 = 0 \times (7 \times 2)$

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