

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

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

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

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

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

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

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

- 7) A. $(8 \times 4) \times 5 = 8 \times (4 \times 5)$
B. $8 \times 1 = 8$
C. $(8 \times 4) + (8 \times 5) = 8 \times (4 + 5)$
D. $8 \times 4 = 4 \times 8$

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

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

- 10) A. $4 \times 6 = 6 \times 4$
B. $4 \times (6 + 2) = (4 \times 6) + (4 \times 2)$
C. $1 \times 4 = 4$
D. $4 \times (6 \times 2) = (4 \times 6) \times 2$

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

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

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