

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

- 1) A. $7 \times (9 \times 0) = (7 \times 9) \times 0$
B. $7 \times 9 = 9 \times 7$
C. $1 \times 7 = 7$
D. $7 \times (9 + 0) = (7 \times 9) + (7 \times 0)$

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

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

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

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

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

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

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

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

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

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

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

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