

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

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

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

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

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

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

- 6) A. $3 \times 7 = 7 \times 3$
B. $(3 \times 7) \times 0 = 3 \times (7 \times 0)$
C. $(3 \times 7) + (3 \times 0) = 3 \times (7 + 0)$
D. $3 \times 1 = 3$

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

- 8) A. $7 \times (3 \times 0) = (7 \times 3) \times 0$
B. $7 \times 3 = 3 \times 7$
C. $1 \times 7 = 7$
D. $7 \times (3 + 0) = (7 \times 3) + (7 \times 0)$

- 9) A. $6 \times 1 = 6$
B. $6 \times 2 = 2 \times 6$
C. $(6 \times 2) \times 7 = 6 \times (2 \times 7)$
D. $(6 \times 2) + (6 \times 7) = 6 \times (2 + 7)$

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

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

- 12) A. $(5 \times 6) \times 2 = 5 \times (6 \times 2)$
B. $5 \times 1 = 5$
C. $5 \times 6 = 6 \times 5$
D. $(5 \times 6) + (5 \times 2) = 5 \times (6 + 2)$

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