

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

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

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

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

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

- 5) A. $(3 \times 7) + (3 \times 10) = 3 \times (7 + 10)$
B. $(3 \times 7) \times 10 = 3 \times (7 \times 10)$
C. $3 \times 1 = 3$
D. $3 \times 7 = 7 \times 3$

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

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

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

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

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

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

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

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