

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

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

- 2) A. $10 \times 6 = 6 \times 10$
B. $(10 \times 6) + (10 \times 5) = 10 \times (6 + 5)$
C. $(10 \times 6) \times 5 = 10 \times (6 \times 5)$
D. $10 \times 1 = 10$

- 3) A. $2 \times 6 = 6 \times 2$
B. $1 \times 2 = 2$
C. $2 \times (6 \times 3) = (2 \times 6) \times 3$
D. $2 \times (6 + 3) = (2 \times 6) + (2 \times 3)$

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

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

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

- 7) A. $1 \times 8 = 8$
B. $8 \times (4 + 2) = (8 \times 4) + (8 \times 2)$
C. $8 \times (4 \times 2) = (8 \times 4) \times 2$
D. $8 \times 4 = 4 \times 8$

- 8) A. $(6 \times 10) + (6 \times 9) = 6 \times (10 + 9)$
B. $6 \times 1 = 6$
C. $6 \times 10 = 10 \times 6$
D. $(6 \times 10) \times 9 = 6 \times (10 \times 9)$

- 9) A. $8 \times (0 \times 4) = (8 \times 0) \times 4$
B. $8 \times (0 + 4) = (8 \times 0) + (8 \times 4)$
C. $1 \times 8 = 8$
D. $8 \times 0 = 0 \times 8$

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

- 11) A. $0 \times (6 \times 10) = (0 \times 6) \times 10$
B. $1 \times 0 = 0$
C. $0 \times 6 = 6 \times 0$
D. $0 \times (6 + 10) = (0 \times 6) + (0 \times 10)$

- 12) A. $(10 \times 3) + (10 \times 9) = 10 \times (3 + 9)$
B. $10 \times 1 = 10$
C. $10 \times 3 = 3 \times 10$
D. $(10 \times 3) \times 9 = 10 \times (3 \times 9)$

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