

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

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

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

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

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

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

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

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

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

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

- 10) A. $6 \times 5 = 5 \times 6$
B. $1 \times 6 = 6$
C. $6 \times (5 + 0) = (6 \times 5) + (6 \times 0)$
D. $6 \times (5 \times 0) = (6 \times 5) \times 0$

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

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

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