

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

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

- 2) A. $7 \times (5 \times 2) = (7 \times 5) \times 2$
B. $1 \times 7 = 7$
C. $7 \times (5 + 2) = (7 \times 5) + (7 \times 2)$
D. $7 \times 5 = 5 \times 7$

- 3) A. $(4 \times 0) + (4 \times 6) = 4 \times (0 + 6)$
B. $4 \times 0 = 0 \times 4$
C. $(4 \times 0) \times 6 = 4 \times (0 \times 6)$
D. $4 \times 1 = 4$

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

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

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

- 7) A. $8 \times 6 = 6 \times 8$
B. $8 \times (6 + 4) = (8 \times 6) + (8 \times 4)$
C. $8 \times (6 \times 4) = (8 \times 6) \times 4$
D. $1 \times 8 = 8$

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

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

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

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

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

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