

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

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

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

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

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

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

- 6) A. $5 \times (7 \times 8) = (5 \times 7) \times 8$
B. $1 \times 5 = 5$
C. $5 \times (7 + 8) = (5 \times 7) + (5 \times 8)$
D. $5 \times 7 = 7 \times 5$

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

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

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

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

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

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

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