

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

1) A. $6 \times (8 + 9) = (6 \times 8) + (6 \times 9)$

B. $1 \times 6 = 6$

C. $6 \times (8 \times 9) = (6 \times 8) \times 9$

D. $6 \times 8 = 8 \times 6$

2) A. $8 \times (9 + 2) = (8 \times 9) + (8 \times 2)$

B. $8 \times 9 = 9 \times 8$

C. $8 \times (9 \times 2) = (8 \times 9) \times 2$

D. $1 \times 8 = 8$

3) A. $(1 \times 3) + (1 \times 0) = 1 \times (3 + 0)$

B. $1 \times 3 = 3 \times 1$

C. $1 \times 1 = 1$

D. $(1 \times 3) \times 0 = 1 \times (3 \times 0)$

4) A. $3 \times (1 \times 7) = (3 \times 1) \times 7$

B. $1 \times 3 = 3$

C. $3 \times 1 = 1 \times 3$

D. $3 \times (1 + 7) = (3 \times 1) + (3 \times 7)$

5) A. $10 \times (4 \times 6) = (10 \times 4) \times 6$

B. $10 \times 4 = 4 \times 10$

C. $10 \times (4 + 6) = (10 \times 4) + (10 \times 6)$

D. $1 \times 10 = 10$

6) A. $10 \times 1 = 10$

B. $(10 \times 9) + (10 \times 7) = 10 \times (9 + 7)$

C. $10 \times 9 = 9 \times 10$

D. $(10 \times 9) \times 7 = 10 \times (9 \times 7)$

7) A. $1 \times 10 = 10$

B. $10 \times 7 = 7 \times 10$

C. $10 \times (7 + 1) = (10 \times 7) + (10 \times 1)$

D. $10 \times (7 \times 1) = (10 \times 7) \times 1$

8) A. $(6 \times 5) + (6 \times 2) = 6 \times (5 + 2)$

B. $6 \times 5 = 5 \times 6$

C. $6 \times 1 = 6$

D. $(6 \times 5) \times 2 = 6 \times (5 \times 2)$

9) A. $2 \times (5 + 9) = (2 \times 5) + (2 \times 9)$

B. $1 \times 2 = 2$

C. $2 \times 5 = 5 \times 2$

D. $2 \times (5 \times 9) = (2 \times 5) \times 9$

10) A. $(9 \times 6) + (9 \times 1) = 9 \times (6 + 1)$

B. $(9 \times 6) \times 1 = 9 \times (6 \times 1)$

C. $9 \times 1 = 9$

D. $9 \times 6 = 6 \times 9$

11) A. $4 \times (1 + 8) = (4 \times 1) + (4 \times 8)$

B. $4 \times (1 \times 8) = (4 \times 1) \times 8$

C. $4 \times 1 = 1 \times 4$

D. $1 \times 4 = 4$

12) A. $10 \times 2 = 2 \times 10$

B. $10 \times (2 + 1) = (10 \times 2) + (10 \times 1)$

C. $1 \times 10 = 10$

D. $10 \times (2 \times 1) = (10 \times 2) \times 1$

1. _____

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