

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

- 1) A. $5 \times (6 \times 4) = (5 \times 6) \times 4$
B. $5 \times 6 = 6 \times 5$
C. $1 \times 5 = 5$
D. $5 \times (6 + 4) = (5 \times 6) + (5 \times 4)$

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

- 3) A. $8 \times (0 \times 3) = (8 \times 0) \times 3$
B. $1 \times 8 = 8$
C. $8 \times (0 + 3) = (8 \times 0) + (8 \times 3)$
D. $8 \times 0 = 0 \times 8$

- 4) A. $7 \times 1 = 7$
B. $(7 \times 10) + (7 \times 9) = 7 \times (10 + 9)$
C. $(7 \times 10) \times 9 = 7 \times (10 \times 9)$
D. $7 \times 10 = 10 \times 7$

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

- 6) A. $(7 \times 3) + (7 \times 9) = 7 \times (3 + 9)$
B. $7 \times 3 = 3 \times 7$
C. $(7 \times 3) \times 9 = 7 \times (3 \times 9)$
D. $7 \times 1 = 7$

- 7) A. $(8 \times 3) + (8 \times 7) = 8 \times (3 + 7)$
B. $8 \times 1 = 8$
C. $(8 \times 3) \times 7 = 8 \times (3 \times 7)$
D. $8 \times 3 = 3 \times 8$

- 8) A. $9 \times 1 = 9$
B. $(9 \times 7) \times 2 = 9 \times (7 \times 2)$
C. $9 \times 7 = 7 \times 9$
D. $(9 \times 7) + (9 \times 2) = 9 \times (7 + 2)$

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

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

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

- 12) A. $(9 \times 1) + (9 \times 7) = 9 \times (1 + 7)$
B. $9 \times 1 = 1 \times 9$
C. $(9 \times 1) \times 7 = 9 \times (1 \times 7)$
D. $9 \times 1 = 9$

1. _____
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D. $9 \times 1 = 9$

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