

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

- 1) A. $5 \times 1 = 5$
B. $5 \times 2 = 2 \times 5$
C. $(5 \times 2) \times 0 = 5 \times (2 \times 0)$
D. $(5 \times 2) + (5 \times 0) = 5 \times (2 + 0)$

- 2) A. $4 \times 10 = 10 \times 4$
B. $4 \times 1 = 4$
C. $(4 \times 10) + (4 \times 5) = 4 \times (10 + 5)$
D. $(4 \times 10) \times 5 = 4 \times (10 \times 5)$

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

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

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

- 6) A. $4 \times 6 = 6 \times 4$
B. $4 \times (6 + 2) = (4 \times 6) + (4 \times 2)$
C. $4 \times (6 \times 2) = (4 \times 6) \times 2$
D. $1 \times 4 = 4$

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

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

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

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

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

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

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