

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

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

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

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

- 4) A. $3 \times 5 = 5 \times 3$
B. $3 \times (5 \times 7) = (3 \times 5) \times 7$
C. $1 \times 3 = 3$
D. $3 \times (5 + 7) = (3 \times 5) + (3 \times 7)$

- 5) A. $0 \times (2 + 7) = (0 \times 2) + (0 \times 7)$
B. $0 \times 2 = 2 \times 0$
C. $0 \times (2 \times 7) = (0 \times 2) \times 7$
D. $1 \times 0 = 0$

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

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

- 8) A. $0 \times 8 = 8 \times 0$
B. $(0 \times 8) \times 6 = 0 \times (8 \times 6)$
C. $0 \times 1 = 0$
D. $(0 \times 8) + (0 \times 6) = 0 \times (8 + 6)$

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

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

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

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

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