

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

- 1) A. $1 \times 2 = 2$
B. $2 \times (5 \times 6) = (2 \times 5) \times 6$
C. $2 \times (5 + 6) = (2 \times 5) + (2 \times 6)$
D. $2 \times 5 = 5 \times 2$

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

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

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

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

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

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

- 8) A. $4 \times (5 + 0) = (4 \times 5) + (4 \times 0)$
B. $4 \times 5 = 5 \times 4$
C. $1 \times 4 = 4$
D. $4 \times (5 \times 0) = (4 \times 5) \times 0$

- 9) A. $0 \times (10 + 9) = (0 \times 10) + (0 \times 9)$
B. $0 \times 10 = 10 \times 0$
C. $1 \times 0 = 0$
D. $0 \times (10 \times 9) = (0 \times 10) \times 9$

- 10) A. $(0 \times 4) + (0 \times 3) = 0 \times (4 + 3)$
B. $0 \times 1 = 0$
C. $(0 \times 4) \times 3 = 0 \times (4 \times 3)$
D. $0 \times 4 = 4 \times 0$

- 11) A. $2 \times (5 \times 6) = (2 \times 5) \times 6$
B. $2 \times 5 = 5 \times 2$
C. $2 \times (5 + 6) = (2 \times 5) + (2 \times 6)$
D. $1 \times 2 = 2$

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

1. _____
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C. $7 \times 4 = 4 \times 7$
D. $1 \times 7 = 7$

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