

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

- 1) A. $(8 \times 0) \times 7 = 8 \times (0 \times 7)$
B. $8 \times 0 = 0 \times 8$
C. $(8 \times 0) + (8 \times 7) = 8 \times (0 + 7)$
D. $8 \times 1 = 8$

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

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

- 4) A. $(6 \times 9) + (6 \times 0) = 6 \times (9 + 0)$
B. $(6 \times 9) \times 0 = 6 \times (9 \times 0)$
C. $6 \times 1 = 6$
D. $6 \times 9 = 9 \times 6$

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

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

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

- 8) A. $(0 \times 5) \times 6 = 0 \times (5 \times 6)$
B. $0 \times 5 = 5 \times 0$
C. $0 \times 1 = 0$
D. $(0 \times 5) + (0 \times 6) = 0 \times (5 + 6)$

- 9) A. $0 \times 8 = 8 \times 0$
B. $0 \times (8 + 2) = (0 \times 8) + (0 \times 2)$
C. $1 \times 0 = 0$
D. $0 \times (8 \times 2) = (0 \times 8) \times 2$

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

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

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

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