



Determine which choice best shows the identity property of multiplication.

Answers

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

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

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

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

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

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

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

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

- 9) A. $(9 \times 10) + (9 \times 8) = 9 \times (10 + 8)$
 B. $9 \times 10 = 10 \times 9$
 C. $(9 \times 10) \times 8 = 9 \times (10 \times 8)$
 D. $9 \times 1 = 9$

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

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

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

1. _____

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 D. $1 \times 1 = 1$

1. **C**

2. **D**

3. **D**

4. **B**

5. **D**

6. **B**

7. **D**

8. **B**

9. **D**

10. **D**

11. **C**

12. **D**