



Determine which choice best shows the associative property of multiplication.

Answers

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

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

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

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

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

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

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

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

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

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

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

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

1. _____
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 B. $(7 \times 10) \times 9 = 7 \times (10 \times 9)$
 C. $7 \times 10 = 10 \times 7$
 D. $7 \times 1 = 7$

Answers

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