



Determine which choice best shows the associative property of multiplication.

Answers

- 1) A. $7 \times 1 = 7$
 B. $(7 \times 0) + (7 \times 4) = 7 \times (0 + 4)$
 C. $7 \times 0 = 0 \times 7$
 D. $(7 \times 0) \times 4 = 7 \times (0 \times 4)$

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

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

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

- 5) A. $6 \times (7 + 4) = (6 \times 7) + (6 \times 4)$
 B. $6 \times 7 = 7 \times 6$
 C. $1 \times 6 = 6$
 D. $6 \times (7 \times 4) = (6 \times 7) \times 4$

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

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

- 8) A. $3 \times (5 + 0) = (3 \times 5) + (3 \times 0)$
 B. $3 \times (5 \times 0) = (3 \times 5) \times 0$
 C. $1 \times 3 = 3$
 D. $3 \times 5 = 5 \times 3$

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

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

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

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

1. _____
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 D. $1 \times 1 = 1$

Answers

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