



Determine which choice best shows the associative property of multiplication.

Answers

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

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

- 3) A. $5 \times 1 = 5$
 B. $5 \times 2 = 2 \times 5$
 C. $(5 \times 2) + (5 \times 9) = 5 \times (2 + 9)$
 D. $(5 \times 2) \times 9 = 5 \times (2 \times 9)$

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

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

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

- 7) A. $7 \times (0 + 10) = (7 \times 0) + (7 \times 10)$
 B. $7 \times (0 \times 10) = (7 \times 0) \times 10$
 C. $1 \times 7 = 7$
 D. $7 \times 0 = 0 \times 7$

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

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

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

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

- 12) A. $9 \times 1 = 9$
 B. $(9 \times 3) \times 6 = 9 \times (3 \times 6)$
 C. $(9 \times 3) + (9 \times 6) = 9 \times (3 + 6)$
 D. $9 \times 3 = 3 \times 9$

1. _____
 2. _____
 3. _____
 4. _____
 5. _____
 6. _____
 7. _____
 8. _____
 9. _____
 10. _____
 11. _____
 12. _____



Determine which choice best shows the associative property of multiplication.

Answers

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

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

- 3) A. $5 \times 1 = 5$
 B. $5 \times 2 = 2 \times 5$
 C. $(5 \times 2) + (5 \times 9) = 5 \times (2 + 9)$
 D. $(5 \times 2) \times 9 = 5 \times (2 \times 9)$

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

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

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

- 7) A. $7 \times (0 + 10) = (7 \times 0) + (7 \times 10)$
 B. $7 \times (0 \times 10) = (7 \times 0) \times 10$
 C. $1 \times 7 = 7$
 D. $7 \times 0 = 0 \times 7$

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

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

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

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

- 12) A. $9 \times 1 = 9$
 B. $(9 \times 3) \times 6 = 9 \times (3 \times 6)$
 C. $(9 \times 3) + (9 \times 6) = 9 \times (3 + 6)$
 D. $9 \times 3 = 3 \times 9$

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