



Determine which choice best shows the commutative property of multiplication.

Answers

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

- 2) A. $1 \times 8 = 8$
 B. $8 \times (4 \times 10) = (8 \times 4) \times 10$
 C. $8 \times 4 = 4 \times 8$
 D. $8 \times (4 + 10) = (8 \times 4) + (8 \times 10)$

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

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

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

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

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

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

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

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

- 11) A. $1 \times 4 = 4$
 B. $4 \times (6 \times 2) = (4 \times 6) \times 2$
 C. $4 \times 6 = 6 \times 4$
 D. $4 \times (6 + 2) = (4 \times 6) + (4 \times 2)$

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

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



Determine which choice best shows the commutative property of multiplication.

Answers

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

- 2) A. $1 \times 8 = 8$
 B. $8 \times (4 \times 10) = (8 \times 4) \times 10$
 C. $8 \times 4 = 4 \times 8$
 D. $8 \times (4 + 10) = (8 \times 4) + (8 \times 10)$

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

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

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

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

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

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

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

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

- 11) A. $1 \times 4 = 4$
 B. $4 \times (6 \times 2) = (4 \times 6) \times 2$
 C. $4 \times 6 = 6 \times 4$
 D. $4 \times (6 + 2) = (4 \times 6) + (4 \times 2)$

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

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