



Determine which choice best shows the commutative property of multiplication.

Answers

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

- 2) A.  $2 \times (8 \times 5) = (2 \times 8) \times 5$   
 B.  $1 \times 2 = 2$   
 C.  $2 \times 8 = 8 \times 2$   
 D.  $2 \times (8 + 5) = (2 \times 8) + (2 \times 5)$

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

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

- 5) A.  $6 \times (9 \times 8) = (6 \times 9) \times 8$   
 B.  $6 \times 9 = 9 \times 6$   
 C.  $1 \times 6 = 6$   
 D.  $6 \times (9 + 8) = (6 \times 9) + (6 \times 8)$

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

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

- 8) A.  $4 \times (10 + 6) = (4 \times 10) + (4 \times 6)$   
 B.  $4 \times (10 \times 6) = (4 \times 10) \times 6$   
 C.  $1 \times 4 = 4$   
 D.  $4 \times 10 = 10 \times 4$

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

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

- 11) A.  $5 \times (3 \times 7) = (5 \times 3) \times 7$   
 B.  $1 \times 5 = 5$   
 C.  $5 \times (3 + 7) = (5 \times 3) + (5 \times 7)$   
 D.  $5 \times 3 = 3 \times 5$

- 12) A.  $2 \times 1 = 2$   
 B.  $(2 \times 7) + (2 \times 5) = 2 \times (7 + 5)$   
 C.  $2 \times 7 = 7 \times 2$   
 D.  $(2 \times 7) \times 5 = 2 \times (7 \times 5)$

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_



Determine which choice best shows the commutative property of multiplication.

- 1) A.  $8 \times (9 + 0) = (8 \times 9) + (8 \times 0)$   
 B.  $1 \times 8 = 8$   
 C.  $8 \times (9 \times 0) = (8 \times 9) \times 0$   
 D.  $8 \times 9 = 9 \times 8$
- 2) A.  $2 \times (8 \times 5) = (2 \times 8) \times 5$   
 B.  $1 \times 2 = 2$   
 C.  $2 \times 8 = 8 \times 2$   
 D.  $2 \times (8 + 5) = (2 \times 8) + (2 \times 5)$
- 3) A.  $4 \times (8 + 5) = (4 \times 8) + (4 \times 5)$   
 B.  $4 \times (8 \times 5) = (4 \times 8) \times 5$   
 C.  $4 \times 8 = 8 \times 4$   
 D.  $1 \times 4 = 4$
- 4) A.  $4 \times 1 = 1 \times 4$   
 B.  $(4 \times 1) + (4 \times 3) = 4 \times (1 + 3)$   
 C.  $(4 \times 1) \times 3 = 4 \times (1 \times 3)$   
 D.  $4 \times 1 = 4$
- 5) A.  $6 \times (9 \times 8) = (6 \times 9) \times 8$   
 B.  $6 \times 9 = 9 \times 6$   
 C.  $1 \times 6 = 6$   
 D.  $6 \times (9 + 8) = (6 \times 9) + (6 \times 8)$
- 6) A.  $(6 \times 9) \times 5 = 6 \times (9 \times 5)$   
 B.  $(6 \times 9) + (6 \times 5) = 6 \times (9 + 5)$   
 C.  $6 \times 9 = 9 \times 6$   
 D.  $6 \times 1 = 6$
- 7) A.  $1 \times 9 = 9$   
 B.  $9 \times (0 \times 3) = (9 \times 0) \times 3$   
 C.  $9 \times 0 = 0 \times 9$   
 D.  $9 \times (0 + 3) = (9 \times 0) + (9 \times 3)$
- 8) A.  $4 \times (10 + 6) = (4 \times 10) + (4 \times 6)$   
 B.  $4 \times (10 \times 6) = (4 \times 10) \times 6$   
 C.  $1 \times 4 = 4$   
 D.  $4 \times 10 = 10 \times 4$
- 9) A.  $10 \times 1 = 10$   
 B.  $(10 \times 2) \times 1 = 10 \times (2 \times 1)$   
 C.  $(10 \times 2) + (10 \times 1) = 10 \times (2 + 1)$   
 D.  $10 \times 2 = 2 \times 10$
- 10) A.  $7 \times 8 = 8 \times 7$   
 B.  $(7 \times 8) \times 2 = 7 \times (8 \times 2)$   
 C.  $7 \times 1 = 7$   
 D.  $(7 \times 8) + (7 \times 2) = 7 \times (8 + 2)$
- 11) A.  $5 \times (3 \times 7) = (5 \times 3) \times 7$   
 B.  $1 \times 5 = 5$   
 C.  $5 \times (3 + 7) = (5 \times 3) + (5 \times 7)$   
 D.  $5 \times 3 = 3 \times 5$
- 12) A.  $2 \times 1 = 2$   
 B.  $(2 \times 7) + (2 \times 5) = 2 \times (7 + 5)$   
 C.  $2 \times 7 = 7 \times 2$   
 D.  $(2 \times 7) \times 5 = 2 \times (7 \times 5)$

Answers

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