



**Determinar cuál opción muestra mejor la propiedad asociativa de la multiplicación.**

**Respuestas**

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

- 2) A.  $(3 \times 4) + (3 \times 2) = 3 \times (4 + 2)$   
 B.  $3 \times 4 = 4 \times 3$   
 C.  $3 \times 1 = 3$   
 D.  $(3 \times 4) \times 2 = 3 \times (4 \times 2)$

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

- 4) A.  $9 \times (4 \times 3) = (9 \times 4) \times 3$   
 B.  $9 \times (4 + 3) = (9 \times 4) + (9 \times 3)$   
 C.  $1 \times 9 = 9$   
 D.  $9 \times 4 = 4 \times 9$

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

- 6) A.  $(7 \times 8) \times 4 = 7 \times (8 \times 4)$   
 B.  $(7 \times 8) + (7 \times 4) = 7 \times (8 + 4)$   
 C.  $7 \times 8 = 8 \times 7$   
 D.  $7 \times 1 = 7$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



**Determinar cuál opción muestra mejor la propiedad asociativa de la multiplicación.**

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

- 2) A.  $(3 \times 4) + (3 \times 2) = 3 \times (4 + 2)$   
 B.  $3 \times 4 = 4 \times 3$   
 C.  $3 \times 1 = 3$   
 D.  $(3 \times 4) \times 2 = 3 \times (4 \times 2)$

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

- 4) A.  $9 \times (4 \times 3) = (9 \times 4) \times 3$   
 B.  $9 \times (4 + 3) = (9 \times 4) + (9 \times 3)$   
 C.  $1 \times 9 = 9$   
 D.  $9 \times 4 = 4 \times 9$

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

- 6) A.  $(7 \times 8) \times 4 = 7 \times (8 \times 4)$   
 B.  $(7 \times 8) + (7 \times 4) = 7 \times (8 + 4)$   
 C.  $7 \times 8 = 8 \times 7$   
 D.  $7 \times 1 = 7$

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

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

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

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

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

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

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