

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

- 1) A.  $0 \times 1 = 0$   
 B.  $0 \times 8 = 8 \times 0$   
 C.  $(0 \times 8) + (0 \times 10) = 0 \times (8 + 10)$   
 D.  $(0 \times 8) \times 10 = 0 \times (8 \times 10)$

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

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

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

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

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

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

- 8) A.  $2 \times 10 = 10 \times 2$   
 B.  $(2 \times 10) + (2 \times 0) = 2 \times (10 + 0)$   
 C.  $(2 \times 10) \times 0 = 2 \times (10 \times 0)$   
 D.  $2 \times 1 = 2$

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

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

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

- 12) A.  $(0 \times 2) \times 10 = 0 \times (2 \times 10)$   
 B.  $0 \times 2 = 2 \times 0$   
 C.  $0 \times 1 = 0$   
 D.  $(0 \times 2) + (0 \times 10) = 0 \times (2 + 10)$

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

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

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

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

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

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

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

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

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

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

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

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

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

- 1) A.  $0 \times 1 = 0$   
 B.  $0 \times 8 = 8 \times 0$   
 C.  $(0 \times 8) + (0 \times 10) = 0 \times (8 + 10)$   
 D.  $(0 \times 8) \times 10 = 0 \times (8 \times 10)$

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

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

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

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

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

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

- 8) A.  $2 \times 10 = 10 \times 2$   
 B.  $(2 \times 10) + (2 \times 0) = 2 \times (10 + 0)$   
 C.  $(2 \times 10) \times 0 = 2 \times (10 \times 0)$   
 D.  $2 \times 1 = 2$

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

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

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

- 12) A.  $(0 \times 2) \times 10 = 0 \times (2 \times 10)$   
 B.  $0 \times 2 = 2 \times 0$   
 C.  $0 \times 1 = 0$   
 D.  $(0 \times 2) + (0 \times 10) = 0 \times (2 + 10)$

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