Encontrando la propiedad conmutativa de la multiplicación   Nombre:

Determinar cuál opción muestra mejor la propiedad conmutativa de la multiplicación.

1)
A. $3 \times 1 = 3$
B. $3 \times 0 = 0 \times 3$
C. $(3 \times 0) \times 6 = 3 \times (0 \times 6)$
D. $(3 \times 0) + (3 \times 6) = 3 \times (0 + 6)$

2)
A. $1 \times (0 \times 6) = (1 \times 0) \times 6$
B. $1 \times (0 + 6) = (1 \times 0) + (1 \times 6)$
C. $1 \times 0 = 0 \times 1$
D. $1 \times 1 = 1$

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

4)
A. $6 \times (3 \times 9) = (6 \times 3) \times 9$
B. $6 \times (3 + 9) = (6 \times 3) + (6 \times 9)$
C. $6 \times 3 = 3 \times 6$
D. $1 \times 6 = 6$

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

6)
A. $8 \times 6 = 6 \times 8$
B. $8 \times (6 + 2) = (8 \times 6) + (8 \times 2)$
C. $8 \times (6 \times 2) = (8 \times 6) \times 2$
D. $1 \times 8 = 8$

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

8)
A. $(3 \times 9) \times 5 = 3 \times (9 \times 5)$
B. $3 \times 9 = 9 \times 3$
C. $(3 \times 9) + (3 \times 5) = 3 \times (9 + 5)$
D. $3 \times 1 = 3$

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

10)
A. $1 \times 0 = 0$
B. $0 \times (9 \times 1) = (0 \times 9) \times 1$
C. $0 \times 9 = 9 \times 0$
D. $0 \times (9 + 1) = (0 \times 9) + (0 \times 1)$

11)
A. $4 \times 7 = 7 \times 4$
B. $4 \times (7 \times 2) = (4 \times 7) \times 2$
C. $4 \times (7 + 2) = (4 \times 7) + (4 \times 2)$
D. $1 \times 4 = 4$

12)
A. $5 \times (3 + 0) = (5 \times 3) + (5 \times 0)$
B. $5 \times (3 \times 0) = (5 \times 3) \times 0$
C. $5 \times 3 = 3 \times 5$
D. $1 \times 5 = 5$

Respuestas

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

Matemáticas   www.CommonCoreSheets.es

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Determinar cuál opción muestra mejor la propiedad conmutativa de la multiplicación.

1)
A. $3 \times 1 = 3$
B. $3 \times 0 = 0 \times 3$
C. $(3 \times 0) \times 6 = 3 \times (0 \times 6)$
D. $(3 \times 0) + (3 \times 6) = 3 \times (0 + 6)$

2)
A. $1 \times (0 \times 6) = (1 \times 0) \times 6$
B. $1 \times (0 + 6) = (1 \times 0) + (1 \times 6)$
C. $1 \times 0 = 0 \times 1$
D. $1 \times 1 = 1$

1. __**B**__

2. __**C**__

3. __**B**__

4. __**C**__

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

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

5. __**D**__

6. __**A**__

7. __**A**__

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

6)
A. $8 \times 6 = 6 \times 8$
B. $8 \times (6 + 2) = (8 \times 6) + (8 \times 2)$
C. $8 \times (6 \times 2) = (8 \times 6) \times 2$
D. $1 \times 8 = 8$

8. __**B**__

9. __**D**__

10. __**C**__

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

8)
A. $(3 \times 9) \times 5 = 3 \times (9 \times 5)$
B. $3 \times 9 = 9 \times 3$
C. $(3 \times 9) + (3 \times 5) = 3 \times (9 + 5)$
D. $3 \times 1 = 3$

11. __**A**__

12. __**C**__

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

10)
A. $1 \times 0 = 0$
B. $0 \times (9 \times 1) = (0 \times 9) \times 1$
C. $0 \times 9 = 9 \times 0$
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A. $4 \times 7 = 7 \times 4$
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A. $5 \times (3 + 0) = (5 \times 3) + (5 \times 0)$
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C. $5 \times 3 = 3 \times 5$
D. $1 \times 5 = 5$