



Determinar cuál opción muestra mejor la propiedad de elemento neutro de la

multiplicación

1) A. $1 \times (3 + 0) = (1 \times 3) + (1 \times 0)$

B. $1 \times 1 = 1$

C. $1 \times (3 \times 0) = (1 \times 3) \times 0$

D. $1 \times 3 = 3 \times 1$

2) A. $6 \times 5 = 5 \times 6$

B. $(6 \times 5) \times 3 = 6 \times (5 \times 3)$

C. $6 \times 1 = 6$

D. $(6 \times 5) + (6 \times 3) = 6 \times (5 + 3)$

3) A. $2 \times 1 = 2$

B. $(2 \times 7) \times 8 = 2 \times (7 \times 8)$

C. $(2 \times 7) + (2 \times 8) = 2 \times (7 + 8)$

D. $2 \times 7 = 7 \times 2$

4) A. $1 \times 6 = 6 \times 1$

B. $(1 \times 6) + (1 \times 4) = 1 \times (6 + 4)$

C. $(1 \times 6) \times 4 = 1 \times (6 \times 4)$

D. $1 \times 1 = 1$

5) A. $9 \times (4 \times 2) = (9 \times 4) \times 2$

B. $9 \times 4 = 4 \times 9$

C. $9 \times (4 + 2) = (9 \times 4) + (9 \times 2)$

D. $1 \times 9 = 9$

6) A. $6 \times (1 \times 4) = (6 \times 1) \times 4$

B. $1 \times 6 = 6$

C. $6 \times 1 = 1 \times 6$

D. $6 \times (1 + 4) = (6 \times 1) + (6 \times 4)$

7) A. $5 \times (4 \times 9) = (5 \times 4) \times 9$

B. $5 \times 4 = 4 \times 5$

C. $1 \times 5 = 5$

D. $5 \times (4 + 9) = (5 \times 4) + (5 \times 9)$

8) A. $1 \times 4 = 4$

B. $4 \times (10 \times 3) = (4 \times 10) \times 3$

C. $4 \times 10 = 10 \times 4$

D. $4 \times (10 + 3) = (4 \times 10) + (4 \times 3)$

9) A. $9 \times 8 = 8 \times 9$

B. $(9 \times 8) + (9 \times 6) = 9 \times (8 + 6)$

C. $(9 \times 8) \times 6 = 9 \times (8 \times 6)$

D. $9 \times 1 = 9$

10) A. $(6 \times 9) + (6 \times 0) = 6 \times (9 + 0)$

B. $6 \times 9 = 9 \times 6$

C. $6 \times 1 = 6$

D. $(6 \times 9) \times 0 = 6 \times (9 \times 0)$

11) A. $1 \times 1 = 1$

B. $1 \times 9 = 9 \times 1$

C. $(1 \times 9) \times 6 = 1 \times (9 \times 6)$

D. $(1 \times 9) + (1 \times 6) = 1 \times (9 + 6)$

12) A. $1 \times 1 = 1$

B. $1 \times 9 = 9 \times 1$

C. $(1 \times 9) \times 0 = 1 \times (9 \times 0)$

D. $(1 \times 9) + (1 \times 0) = 1 \times (9 + 0)$

Respuestas

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Determinar cuál opción muestra ~~mejor~~ **la propiedad de elemento neutro de la****multiplicación**

1) A. $1 \times (3 + 0) = (1 \times 3) + (1 \times 0)$

B. $1 \times 1 = 1$

C. $1 \times (3 \times 0) = (1 \times 3) \times 0$

D. $1 \times 3 = 3 \times 1$

2) A. $6 \times 5 = 5 \times 6$

B. $(6 \times 5) \times 3 = 6 \times (5 \times 3)$

C. $6 \times 1 = 6$

D. $(6 \times 5) + (6 \times 3) = 6 \times (5 + 3)$

3) A. $2 \times 1 = 2$

B. $(2 \times 7) \times 8 = 2 \times (7 \times 8)$

C. $(2 \times 7) + (2 \times 8) = 2 \times (7 + 8)$

D. $2 \times 7 = 7 \times 2$

4) A. $1 \times 6 = 6 \times 1$

B. $(1 \times 6) + (1 \times 4) = 1 \times (6 + 4)$

C. $(1 \times 6) \times 4 = 1 \times (6 \times 4)$

D. $1 \times 1 = 1$

5) A. $9 \times (4 \times 2) = (9 \times 4) \times 2$

B. $9 \times 4 = 4 \times 9$

C. $9 \times (4 + 2) = (9 \times 4) + (9 \times 2)$

D. $1 \times 9 = 9$

6) A. $6 \times (1 \times 4) = (6 \times 1) \times 4$

B. $1 \times 6 = 6$

C. $6 \times 1 = 1 \times 6$

D. $6 \times (1 + 4) = (6 \times 1) + (6 \times 4)$

7) A. $5 \times (4 \times 9) = (5 \times 4) \times 9$

B. $5 \times 4 = 4 \times 5$

C. $1 \times 5 = 5$

D. $5 \times (4 + 9) = (5 \times 4) + (5 \times 9)$

8) A. $1 \times 4 = 4$

B. $4 \times (10 \times 3) = (4 \times 10) \times 3$

C. $4 \times 10 = 10 \times 4$

D. $4 \times (10 + 3) = (4 \times 10) + (4 \times 3)$

9) A. $9 \times 8 = 8 \times 9$

B. $(9 \times 8) + (9 \times 6) = 9 \times (8 + 6)$

C. $(9 \times 8) \times 6 = 9 \times (8 \times 6)$

D. $9 \times 1 = 9$

10) A. $(6 \times 9) + (6 \times 0) = 6 \times (9 + 0)$

B. $6 \times 9 = 9 \times 6$

C. $6 \times 1 = 6$

D. $(6 \times 9) \times 0 = 6 \times (9 \times 0)$

11) A. $1 \times 1 = 1$

B. $1 \times 9 = 9 \times 1$

C. $(1 \times 9) \times 6 = 1 \times (9 \times 6)$

D. $(1 \times 9) + (1 \times 6) = 1 \times (9 + 6)$

12) A. $1 \times 1 = 1$

B. $1 \times 9 = 9 \times 1$

C. $(1 \times 9) \times 0 = 1 \times (9 \times 0)$

D. $(1 \times 9) + (1 \times 0) = 1 \times (9 + 0)$

Respuestas1. **B**2. **C**3. **A**4. **D**5. **D**6. **B**7. **C**8. **A**9. **D**10. **C**11. **A**12. **A**



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| <p>1) A. $5 \times 7 = 7 \times 5$
 B. $5 \times (7 \times 10) = (5 \times 7) \times 10$
 C. $5 \times (7 + 10) = (5 \times 7) + (5 \times 10)$
 D. $1 \times 5 = 5$</p> <p>3) A. $9 \times (3 \times 0) = (9 \times 3) \times 0$
 B. $9 \times 3 = 3 \times 9$
 C. $1 \times 9 = 9$
 D. $9 \times (3 + 0) = (9 \times 3) + (9 \times 0)$</p> <p>5) A. $(5 \times 9) + (5 \times 2) = 5 \times (9 + 2)$
 B. $(5 \times 9) \times 2 = 5 \times (9 \times 2)$
 C. $5 \times 1 = 5$
 D. $5 \times 9 = 9 \times 5$</p> <p>7) A. $7 \times 0 = 0 \times 7$
 B. $7 \times 1 = 7$
 C. $(7 \times 0) \times 1 = 7 \times (0 \times 1)$
 D. $(7 \times 0) + (7 \times 1) = 7 \times (0 + 1)$</p> <p>9) A. $7 \times 1 = 7$
 B. $7 \times 3 = 3 \times 7$
 C. $(7 \times 3) + (7 \times 5) = 7 \times (3 + 5)$
 D. $(7 \times 3) \times 5 = 7 \times (3 \times 5)$</p> <p>11) A. $(10 \times 4) \times 6 = 10 \times (4 \times 6)$
 B. $(10 \times 4) + (10 \times 6) = 10 \times (4 + 6)$
 C. $10 \times 1 = 10$
 D. $10 \times 4 = 4 \times 10$</p> | <p>2) A. $1 \times 5 = 5$
 B. $5 \times (8 \times 7) = (5 \times 8) \times 7$
 C. $5 \times 8 = 8 \times 5$
 D. $5 \times (8 + 7) = (5 \times 8) + (5 \times 7)$</p> <p>4) A. $6 \times 5 = 5 \times 6$
 B. $6 \times (5 \times 1) = (6 \times 5) \times 1$
 C. $6 \times (5 + 1) = (6 \times 5) + (6 \times 1)$
 D. $1 \times 6 = 6$</p> <p>6) A. $(7 \times 5) \times 10 = 7 \times (5 \times 10)$
 B. $7 \times 1 = 7$
 C. $(7 \times 5) + (7 \times 10) = 7 \times (5 + 10)$
 D. $7 \times 5 = 5 \times 7$</p> <p>8) A. $10 \times (9 + 5) = (10 \times 9) + (10 \times 5)$
 B. $10 \times (9 \times 5) = (10 \times 9) \times 5$
 C. $10 \times 9 = 9 \times 10$
 D. $1 \times 10 = 10$</p> <p>10) A. $1 \times 4 = 4$
 B. $4 \times (9 + 5) = (4 \times 9) + (4 \times 5)$
 C. $4 \times (9 \times 5) = (4 \times 9) \times 5$
 D. $4 \times 9 = 9 \times 4$</p> <p>12) A. $3 \times 1 = 3$
 B. $3 \times 0 = 0 \times 3$
 C. $(3 \times 0) + (3 \times 9) = 3 \times (0 + 9)$
 D. $(3 \times 0) \times 9 = 3 \times (0 \times 9)$</p> |
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Respuestas

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

Respuestas

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



Determinar cuál opción muestra mejor la propiedad de elemento neutro de la

multiplicación 2

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

Respuestas

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Determinar cuál opción muestra mejor la propiedad de elemento neutro de la

multiplicación 2

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

Respuestas

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



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

Respuestas

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

Respuestas

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



Determinar cuál opción muestra mejor la propiedad de elemento neutro de la

multiplicación

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

Respuestas

1. _____
2. _____
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11. _____
12. _____



Determinar cuál opción muestra mejor la propiedad de elemento neutro de la

multiplicación

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

Respuestas1. **B**2. **C**3. **A**4. **B**5. **C**6. **B**7. **A**8. **B**9. **A**10. **B**11. **B**12. **D**



Determinar cuál opción muestra mejor la propiedad de elemento neutro de la

multiplicación

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

Respuestas

1. _____
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11. _____
12. _____



Determinar cuál opción muestra mejor la propiedad de elemento neutro de la

multiplicación

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

Respuestas1. **A** 2. **B** 3. **D** 4. **B** 5. **B** 6. **B** 7. **A** 8. **B** 9. **B** 10. **B** 11. **D** 12. **D**



Determinar cuál opción muestra mejor la propiedad de elemento neutro de la

multiplicación

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

Respuestas

1. _____
2. _____
3. _____
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10. _____
11. _____
12. _____



Determinar cuál opción muestra mejor la propiedad de elemento neutro de la

multiplicación 7

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

Respuestas1. **A**2. **C**3. **B**4. **D**5. **C**6. **B**7. **A**8. **A**9. **C**10. **D**11. **C**12. **A**



Determinar cuál opción muestra mejor la propiedad de elemento neutro de la

multiplicación

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

Respuestas

1. _____
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Determinar cuál opción muestra mejor la propiedad de elemento neutro de la

multiplicación 5

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

Respuestas1. **A** 2. **A** 3. **A** 4. **B** 5. **A** 6. **D** 7. **D** 8. **C** 9. **C** 10. **B** 11. **B** 12. **A**



Determinar cuál opción muestra mejor la propiedad de elemento neutro de la

multiplicación

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

Respuestas

1. _____
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11. _____
12. _____

Determinar cuál opción muestra ~~mejor~~ la propiedad de elemento neutro de la

multiplicación

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

Respuestas1. **B**2. **A**3. **D**4. **D**5. **B**6. **C**7. **B**8. **A**9. **D**10. **A**11. **C**12. **D**



Determinar cuál opción muestra mejor la propiedad de elemento neutro de la

multiplicación

1) A. $5 \times (0 + 8) = (5 \times 0) + (5 \times 8)$

B. $1 \times 5 = 5$

C. $5 \times (0 \times 8) = (5 \times 0) \times 8$

D. $5 \times 0 = 0 \times 5$

2) A. $8 \times 1 = 8$

B. $(8 \times 10) + (8 \times 2) = 8 \times (10 + 2)$

C. $(8 \times 10) \times 2 = 8 \times (10 \times 2)$

D. $8 \times 10 = 10 \times 8$

3) A. $1 \times 2 = 2$

B. $2 \times 6 = 6 \times 2$

C. $2 \times (6 \times 0) = (2 \times 6) \times 0$

D. $2 \times (6 + 0) = (2 \times 6) + (2 \times 0)$

4) A. $1 \times (6 \times 2) = (1 \times 6) \times 2$

B. $1 \times 1 = 1$

C. $1 \times 6 = 6 \times 1$

D. $1 \times (6 + 2) = (1 \times 6) + (1 \times 2)$

5) A. $1 \times 9 = 9$

B. $9 \times (3 \times 1) = (9 \times 3) \times 1$

C. $9 \times 3 = 3 \times 9$

D. $9 \times (3 + 1) = (9 \times 3) + (9 \times 1)$

6) A. $3 \times 5 = 5 \times 3$

B. $(3 \times 5) + (3 \times 8) = 3 \times (5 + 8)$

C. $(3 \times 5) \times 8 = 3 \times (5 \times 8)$

D. $3 \times 1 = 3$

7) A. $5 \times 10 = 10 \times 5$

B. $5 \times 1 = 5$

C. $(5 \times 10) + (5 \times 4) = 5 \times (10 + 4)$

D. $(5 \times 10) \times 4 = 5 \times (10 \times 4)$

8) A. $4 \times 1 = 4$

B. $(4 \times 7) \times 8 = 4 \times (7 \times 8)$

C. $(4 \times 7) + (4 \times 8) = 4 \times (7 + 8)$

D. $4 \times 7 = 7 \times 4$

9) A. $6 \times 0 = 0 \times 6$

B. $(6 \times 0) \times 1 = 6 \times (0 \times 1)$

C. $6 \times 1 = 6$

D. $(6 \times 0) + (6 \times 1) = 6 \times (0 + 1)$

10) A. $9 \times 1 = 9$

B. $9 \times 10 = 10 \times 9$

C. $(9 \times 10) + (9 \times 8) = 9 \times (10 + 8)$

D. $(9 \times 10) \times 8 = 9 \times (10 \times 8)$

11) A. $4 \times (7 \times 2) = (4 \times 7) \times 2$

B. $4 \times (7 + 2) = (4 \times 7) + (4 \times 2)$

C. $4 \times 7 = 7 \times 4$

D. $1 \times 4 = 4$

12) A. $7 \times 1 = 7$

B. $7 \times 10 = 10 \times 7$

C. $(7 \times 10) + (7 \times 0) = 7 \times (10 + 0)$

D. $(7 \times 10) \times 0 = 7 \times (10 \times 0)$

Respuestas

1. _____

2. _____

3. _____

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11. _____

12. _____



Determinar cuál opción muestra mejor la propiedad de elemento neutro de la

multiplicación

1) A. $5 \times (0 + 8) = (5 \times 0) + (5 \times 8)$

B. $1 \times 5 = 5$

C. $5 \times (0 \times 8) = (5 \times 0) \times 8$

D. $5 \times 0 = 0 \times 5$

2) A. $8 \times 1 = 8$

B. $(8 \times 10) + (8 \times 2) = 8 \times (10 + 2)$

C. $(8 \times 10) \times 2 = 8 \times (10 \times 2)$

D. $8 \times 10 = 10 \times 8$

3) A. $1 \times 2 = 2$

B. $2 \times 6 = 6 \times 2$

C. $2 \times (6 \times 0) = (2 \times 6) \times 0$

D. $2 \times (6 + 0) = (2 \times 6) + (2 \times 0)$

4) A. $1 \times (6 \times 2) = (1 \times 6) \times 2$

B. $1 \times 1 = 1$

C. $1 \times 6 = 6 \times 1$

D. $1 \times (6 + 2) = (1 \times 6) + (1 \times 2)$

5) A. $1 \times 9 = 9$

B. $9 \times (3 \times 1) = (9 \times 3) \times 1$

C. $9 \times 3 = 3 \times 9$

D. $9 \times (3 + 1) = (9 \times 3) + (9 \times 1)$

6) A. $3 \times 5 = 5 \times 3$

B. $(3 \times 5) + (3 \times 8) = 3 \times (5 + 8)$

C. $(3 \times 5) \times 8 = 3 \times (5 \times 8)$

D. $3 \times 1 = 3$

7) A. $5 \times 10 = 10 \times 5$

B. $5 \times 1 = 5$

C. $(5 \times 10) + (5 \times 4) = 5 \times (10 + 4)$

D. $(5 \times 10) \times 4 = 5 \times (10 \times 4)$

8) A. $4 \times 1 = 4$

B. $(4 \times 7) \times 8 = 4 \times (7 \times 8)$

C. $(4 \times 7) + (4 \times 8) = 4 \times (7 + 8)$

D. $4 \times 7 = 7 \times 4$

9) A. $6 \times 0 = 0 \times 6$

B. $(6 \times 0) \times 1 = 6 \times (0 \times 1)$

C. $6 \times 1 = 6$

D. $(6 \times 0) + (6 \times 1) = 6 \times (0 + 1)$

10) A. $9 \times 1 = 9$

B. $9 \times 10 = 10 \times 9$

C. $(9 \times 10) + (9 \times 8) = 9 \times (10 + 8)$

D. $(9 \times 10) \times 8 = 9 \times (10 \times 8)$

11) A. $4 \times (7 \times 2) = (4 \times 7) \times 2$

B. $4 \times (7 + 2) = (4 \times 7) + (4 \times 2)$

C. $4 \times 7 = 7 \times 4$

D. $1 \times 4 = 4$

12) A. $7 \times 1 = 7$

B. $7 \times 10 = 10 \times 7$

C. $(7 \times 10) + (7 \times 0) = 7 \times (10 + 0)$

D. $(7 \times 10) \times 0 = 7 \times (10 \times 0)$

Respuestas1. **B**2. **A**3. **A**4. **B**5. **A**6. **D**7. **B**8. **A**9. **C**10. **A**11. **D**12. **A**