



**Encontrar el valor de n.**

**Respuestas**

1)  $(2 \times 4) \times 9 = 2 \times (4 \times n)$

2)  $(3 \times n) \times 9 = 3 \times (2 \times 9)$

3)  $(10 \times n) \times 5 = 10 \times (8 \times 5)$

4)  $(4 \times n) \times 3 = 4 \times (5 \times 3)$

5)  $n \times (5 \times 4) = (3 \times 5) \times 4$

6)  $n \times (7 \times 1) = (3 \times 7) \times 1$

7)  $4 \times (n \times 2) = (4 \times 6) \times 2$

8)  $(6 \times 0) \times 5 = 6 \times (0 \times n)$

9)  $(10 \times 1) \times 3 = 10 \times (1 \times n)$

10)  $10 \times (3 \times n) = (10 \times 3) \times 7$

11)  $(5 \times 4) \times 3 = 5 \times (4 \times n)$

12)  $n \times (4 \times 2) = (5 \times 4) \times 2$

13)  $5 \times (10 \times 6) = (5 \times 10) \times n$

14)  $10 \times (n \times 7) = (10 \times 0) \times 7$

15)  $1 \times (n \times 0) = (1 \times 9) \times 0$

16)  $9 \times (n \times 4) = (9 \times 2) \times 4$

17)  $(4 \times 5) \times n = 4 \times (5 \times 1)$

18)  $10 \times (5 \times 8) = (10 \times 5) \times n$

19)  $0 \times (n \times 6) = (0 \times 10) \times 6$

20)  $(9 \times 0) \times 2 = n \times (0 \times 2)$

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Encontrar el valor de n.

**Respuestas**

1)  $(2 \times 4) \times 9 = 2 \times (4 \times n)$

2)  $(3 \times n) \times 9 = 3 \times (2 \times 9)$

1. 9

3)  $(10 \times n) \times 5 = 10 \times (8 \times 5)$

4)  $(4 \times n) \times 3 = 4 \times (5 \times 3)$

2. 2

5)  $n \times (5 \times 4) = (3 \times 5) \times 4$

6)  $n \times (7 \times 1) = (3 \times 7) \times 1$

3. 8

4. 5

7)  $4 \times (n \times 2) = (4 \times 6) \times 2$

8)  $(6 \times 0) \times 5 = 6 \times (0 \times n)$

5. 3

6. 3

9)  $(10 \times 1) \times 3 = 10 \times (1 \times n)$

10)  $10 \times (3 \times n) = (10 \times 3) \times 7$

7. 6

8. 5

11)  $(5 \times 4) \times 3 = 5 \times (4 \times n)$

12)  $n \times (4 \times 2) = (5 \times 4) \times 2$

9. 3

10. 7

13)  $5 \times (10 \times 6) = (5 \times 10) \times n$

14)  $10 \times (n \times 7) = (10 \times 0) \times 7$

11. 3

12. 5

15)  $1 \times (n \times 0) = (1 \times 9) \times 0$

16)  $9 \times (n \times 4) = (9 \times 2) \times 4$

13. 6

14. 0

17)  $(4 \times 5) \times n = 4 \times (5 \times 1)$

18)  $10 \times (5 \times 8) = (10 \times 5) \times n$

15. 9

16. 2

19)  $0 \times (n \times 6) = (0 \times 10) \times 6$

20)  $(9 \times 0) \times 2 = n \times (0 \times 2)$

17. 1

18. 8

19. 10

20. 9



**Encontrar el valor de n.**

**Respuestas**

1)  $(10 \times 7) \times 4 = 10 \times (n \times 4)$

2)  $(4 \times 7) \times 0 = n \times (7 \times 0)$

3)  $5 \times (4 \times 7) = (5 \times 4) \times n$

4)  $n \times (5 \times 2) = (9 \times 5) \times 2$

5)  $10 \times (2 \times n) = (10 \times 2) \times 9$

6)  $10 \times (5 \times 6) = (n \times 5) \times 6$

7)  $(n \times 5) \times 3 = 9 \times (5 \times 3)$

8)  $(n \times 7) \times 3 = 6 \times (7 \times 3)$

9)  $5 \times (7 \times 2) = (5 \times n) \times 2$

10)  $2 \times (3 \times 9) = (n \times 3) \times 9$

11)  $(6 \times n) \times 1 = 6 \times (8 \times 1)$

12)  $(10 \times 1) \times n = 10 \times (1 \times 7)$

13)  $9 \times (10 \times 8) = (9 \times n) \times 8$

14)  $(9 \times n) \times 6 = 9 \times (7 \times 6)$

15)  $(8 \times 9) \times 2 = 8 \times (9 \times n)$

16)  $(0 \times 1) \times 9 = 0 \times (1 \times n)$

17)  $(8 \times 3) \times 6 = 8 \times (n \times 6)$

18)  $4 \times (n \times 9) = (4 \times 0) \times 9$

19)  $4 \times (9 \times 5) = (n \times 9) \times 5$

20)  $3 \times (n \times 1) = (3 \times 8) \times 1$

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**Encontrar el valor de n.**

**Respuestas**

1)  $(10 \times 7) \times 4 = 10 \times (n \times 4)$

2)  $(4 \times 7) \times 0 = n \times (7 \times 0)$

3)  $5 \times (4 \times 7) = (5 \times 4) \times n$

4)  $n \times (5 \times 2) = (9 \times 5) \times 2$

5)  $10 \times (2 \times n) = (10 \times 2) \times 9$

6)  $10 \times (5 \times 6) = (n \times 5) \times 6$

7)  $(n \times 5) \times 3 = 9 \times (5 \times 3)$

8)  $(n \times 7) \times 3 = 6 \times (7 \times 3)$

9)  $5 \times (7 \times 2) = (5 \times n) \times 2$

10)  $2 \times (3 \times 9) = (n \times 3) \times 9$

11)  $(6 \times n) \times 1 = 6 \times (8 \times 1)$

12)  $(10 \times 1) \times n = 10 \times (1 \times 7)$

13)  $9 \times (10 \times 8) = (9 \times n) \times 8$

14)  $(9 \times n) \times 6 = 9 \times (7 \times 6)$

15)  $(8 \times 9) \times 2 = 8 \times (9 \times n)$

16)  $(0 \times 1) \times 9 = 0 \times (1 \times n)$

17)  $(8 \times 3) \times 6 = 8 \times (n \times 6)$

18)  $4 \times (n \times 9) = (4 \times 0) \times 9$

19)  $4 \times (9 \times 5) = (n \times 9) \times 5$

20)  $3 \times (n \times 1) = (3 \times 8) \times 1$

1. 7

2. 4

3. 7

4. 9

5. 9

6. 10

7. 9

8. 6

9. 7

10. 2

11. 8

12. 7

13. 10

14. 7

15. 2

16. 9

17. 3

18. 0

19. 4

20. 8



**Encontrar el valor de n.**

**Respuestas**

1)  $(6 \times 10) \times 7 = 6 \times (10 \times n)$

2)  $7 \times (n \times 0) = (7 \times 10) \times 0$

3)  $7 \times (n \times 3) = (7 \times 8) \times 3$

4)  $4 \times (7 \times n) = (4 \times 7) \times 2$

5)  $(5 \times n) \times 3 = 5 \times (8 \times 3)$

6)  $8 \times (10 \times 5) = (8 \times 10) \times n$

7)  $(0 \times 10) \times 8 = 0 \times (10 \times n)$

8)  $10 \times (2 \times n) = (10 \times 2) \times 4$

9)  $0 \times (3 \times 4) = (0 \times 3) \times n$

10)  $9 \times (3 \times 10) = (n \times 3) \times 10$

11)  $(1 \times 10) \times 6 = n \times (10 \times 6)$

12)  $3 \times (0 \times 6) = (3 \times n) \times 6$

13)  $(9 \times n) \times 0 = 9 \times (10 \times 0)$

14)  $(n \times 6) \times 9 = 10 \times (6 \times 9)$

15)  $(3 \times 0) \times 10 = n \times (0 \times 10)$

16)  $9 \times (8 \times n) = (9 \times 8) \times 1$

17)  $8 \times (2 \times n) = (8 \times 2) \times 9$

18)  $5 \times (9 \times 4) = (n \times 9) \times 4$

19)  $(3 \times 5) \times 10 = 3 \times (n \times 10)$

20)  $(3 \times 10) \times 9 = 3 \times (n \times 9)$

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**Encontrar el valor de n.**

**Respuestas**

1)  $(6 \times 10) \times 7 = 6 \times (10 \times n)$

2)  $7 \times (n \times 0) = (7 \times 10) \times 0$

3)  $7 \times (n \times 3) = (7 \times 8) \times 3$

4)  $4 \times (7 \times n) = (4 \times 7) \times 2$

5)  $(5 \times n) \times 3 = 5 \times (8 \times 3)$

6)  $8 \times (10 \times 5) = (8 \times 10) \times n$

7)  $(0 \times 10) \times 8 = 0 \times (10 \times n)$

8)  $10 \times (2 \times n) = (10 \times 2) \times 4$

9)  $0 \times (3 \times 4) = (0 \times 3) \times n$

10)  $9 \times (3 \times 10) = (n \times 3) \times 10$

11)  $(1 \times 10) \times 6 = n \times (10 \times 6)$

12)  $3 \times (0 \times 6) = (3 \times n) \times 6$

13)  $(9 \times n) \times 0 = 9 \times (10 \times 0)$

14)  $(n \times 6) \times 9 = 10 \times (6 \times 9)$

15)  $(3 \times 0) \times 10 = n \times (0 \times 10)$

16)  $9 \times (8 \times n) = (9 \times 8) \times 1$

17)  $8 \times (2 \times n) = (8 \times 2) \times 9$

18)  $5 \times (9 \times 4) = (n \times 9) \times 4$

19)  $(3 \times 5) \times 10 = 3 \times (n \times 10)$

20)  $(3 \times 10) \times 9 = 3 \times (n \times 9)$

1. 7

2. 10

3. 8

4. 2

5. 8

6. 5

7. 8

8. 4

9. 4

10. 9

11. 1

12. 0

13. 10

14. 10

15. 3

16. 1

17. 9

18. 5

19. 5

20. 10



**Encontrar el valor de n.**

**Respuestas**

1)  $(6 \times 10) \times n = 6 \times (10 \times 1)$

2)  $3 \times (1 \times 9) = (n \times 1) \times 9$

3)  $1 \times (8 \times n) = (1 \times 8) \times 5$

4)  $5 \times (7 \times 9) = (5 \times 7) \times n$

5)  $n \times (7 \times 1) = (2 \times 7) \times 1$

6)  $1 \times (10 \times n) = (1 \times 10) \times 0$

7)  $6 \times (n \times 0) = (6 \times 1) \times 0$

8)  $(8 \times 6) \times n = 8 \times (6 \times 9)$

9)  $(6 \times 4) \times 0 = 6 \times (n \times 0)$

10)  $4 \times (7 \times 6) = (4 \times 7) \times n$

11)  $(9 \times 0) \times 2 = n \times (0 \times 2)$

12)  $n \times (7 \times 3) = (2 \times 7) \times 3$

13)  $(4 \times 9) \times n = 4 \times (9 \times 3)$

14)  $3 \times (4 \times 9) = (3 \times n) \times 9$

15)  $n \times (5 \times 4) = (8 \times 5) \times 4$

16)  $0 \times (2 \times 9) = (0 \times 2) \times n$

17)  $7 \times (9 \times 1) = (n \times 9) \times 1$

18)  $3 \times (n \times 4) = (3 \times 7) \times 4$

19)  $1 \times (9 \times 3) = (1 \times 9) \times n$

20)  $7 \times (n \times 0) = (7 \times 4) \times 0$

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Encontrar el valor de n.

**Respuestas**

1)  $(6 \times 10) \times n = 6 \times (10 \times 1)$

2)  $3 \times (1 \times 9) = (n \times 1) \times 9$

3)  $1 \times (8 \times n) = (1 \times 8) \times 5$

4)  $5 \times (7 \times 9) = (5 \times 7) \times n$

5)  $n \times (7 \times 1) = (2 \times 7) \times 1$

6)  $1 \times (10 \times n) = (1 \times 10) \times 0$

7)  $6 \times (n \times 0) = (6 \times 1) \times 0$

8)  $(8 \times 6) \times n = 8 \times (6 \times 9)$

9)  $(6 \times 4) \times 0 = 6 \times (n \times 0)$

10)  $4 \times (7 \times 6) = (4 \times 7) \times n$

11)  $(9 \times 0) \times 2 = n \times (0 \times 2)$

12)  $n \times (7 \times 3) = (2 \times 7) \times 3$

13)  $(4 \times 9) \times n = 4 \times (9 \times 3)$

14)  $3 \times (4 \times 9) = (3 \times n) \times 9$

15)  $n \times (5 \times 4) = (8 \times 5) \times 4$

16)  $0 \times (2 \times 9) = (0 \times 2) \times n$

17)  $7 \times (9 \times 1) = (n \times 9) \times 1$

18)  $3 \times (n \times 4) = (3 \times 7) \times 4$

19)  $1 \times (9 \times 3) = (1 \times 9) \times n$

20)  $7 \times (n \times 0) = (7 \times 4) \times 0$

1. 1

2. 3

3. 5

4. 9

5. 2

6. 0

7. 1

8. 9

9. 4

10. 6

11. 9

12. 2

13. 3

14. 4

15. 8

16. 9

17. 7

18. 7

19. 3

20. 4





**Encontrar el valor de n.**

**Respuestas**

1)  $(4 \times 6) \times 8 = 4 \times (6 \times n)$

2)  $(7 \times 3) \times n = 7 \times (3 \times 2)$

3)  $8 \times (n \times 1) = (8 \times 6) \times 1$

4)  $(10 \times 2) \times 7 = n \times (2 \times 7)$

5)  $7 \times (0 \times 5) = (n \times 0) \times 5$

6)  $(7 \times 0) \times 6 = 7 \times (n \times 6)$

7)  $(1 \times 3) \times 9 = n \times (3 \times 9)$

8)  $(3 \times 9) \times 8 = n \times (9 \times 8)$

9)  $5 \times (10 \times 8) = (n \times 10) \times 8$

10)  $n \times (8 \times 5) = (1 \times 8) \times 5$

11)  $2 \times (7 \times 1) = (n \times 7) \times 1$

12)  $(7 \times 5) \times 10 = 7 \times (n \times 10)$

13)  $7 \times (0 \times n) = (7 \times 0) \times 6$

14)  $(2 \times 5) \times n = 2 \times (5 \times 8)$

15)  $(8 \times 6) \times 5 = 8 \times (6 \times n)$

16)  $(n \times 1) \times 9 = 3 \times (1 \times 9)$

17)  $(5 \times n) \times 8 = 5 \times (6 \times 8)$

18)  $9 \times (1 \times n) = (9 \times 1) \times 10$

19)  $(n \times 7) \times 4 = 3 \times (7 \times 4)$

20)  $(n \times 7) \times 6 = 5 \times (7 \times 6)$

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Encontrar el valor de n.

**Respuestas**

1)  $(4 \times 6) \times 8 = 4 \times (6 \times n)$

2)  $(7 \times 3) \times n = 7 \times (3 \times 2)$

1. 8

3)  $8 \times (n \times 1) = (8 \times 6) \times 1$

4)  $(10 \times 2) \times 7 = n \times (2 \times 7)$

2. 2

5)  $7 \times (0 \times 5) = (n \times 0) \times 5$

6)  $(7 \times 0) \times 6 = 7 \times (n \times 6)$

3. 6

7)  $(1 \times 3) \times 9 = n \times (3 \times 9)$

8)  $(3 \times 9) \times 8 = n \times (9 \times 8)$

4. 10

9)  $5 \times (10 \times 8) = (n \times 10) \times 8$

10)  $n \times (8 \times 5) = (1 \times 8) \times 5$

5. 7

11)  $2 \times (7 \times 1) = (n \times 7) \times 1$

12)  $(7 \times 5) \times 10 = 7 \times (n \times 10)$

6. 0

13)  $7 \times (0 \times n) = (7 \times 0) \times 6$

14)  $(2 \times 5) \times n = 2 \times (5 \times 8)$

7. 1

15)  $(8 \times 6) \times 5 = 8 \times (6 \times n)$

16)  $(n \times 1) \times 9 = 3 \times (1 \times 9)$

8. 3

17)  $(5 \times n) \times 8 = 5 \times (6 \times 8)$

18)  $9 \times (1 \times n) = (9 \times 1) \times 10$

9. 5

19)  $(n \times 7) \times 4 = 3 \times (7 \times 4)$

20)  $(n \times 7) \times 6 = 5 \times (7 \times 6)$

10. 1

11. 2

12. 5

13. 6

14. 8

15. 5

16. 3

17. 6

18. 10

19. 3

20. 5



**Encontrar el valor de n.**

**Respuestas**

1)  $n \times (1 \times 3) = (8 \times 1) \times 3$

2)  $(1 \times 6) \times 10 = 1 \times (n \times 10)$

3)  $(0 \times 1) \times 3 = n \times (1 \times 3)$

4)  $(10 \times 3) \times 2 = 10 \times (n \times 2)$

5)  $10 \times (3 \times n) = (10 \times 3) \times 2$

6)  $5 \times (n \times 10) = (5 \times 6) \times 10$

7)  $(5 \times 1) \times n = 5 \times (1 \times 4)$

8)  $0 \times (4 \times 7) = (0 \times 4) \times n$

9)  $(n \times 7) \times 3 = 9 \times (7 \times 3)$

10)  $(n \times 6) \times 8 = 7 \times (6 \times 8)$

11)  $(7 \times n) \times 1 = 7 \times (0 \times 1)$

12)  $(8 \times 9) \times 10 = n \times (9 \times 10)$

13)  $3 \times (4 \times 2) = (n \times 4) \times 2$

14)  $0 \times (5 \times 1) = (0 \times 5) \times n$

15)  $n \times (5 \times 0) = (1 \times 5) \times 0$

16)  $1 \times (2 \times 9) = (1 \times 2) \times n$

17)  $5 \times (7 \times 0) = (5 \times 7) \times n$

18)  $4 \times (1 \times 7) = (n \times 1) \times 7$

19)  $(3 \times n) \times 8 = 3 \times (2 \times 8)$

20)  $(3 \times 2) \times 9 = 3 \times (n \times 9)$

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Encontrar el valor de n.

**Respuestas**

1)  $n \times (1 \times 3) = (8 \times 1) \times 3$

2)  $(1 \times 6) \times 10 = 1 \times (n \times 10)$

3)  $(0 \times 1) \times 3 = n \times (1 \times 3)$

4)  $(10 \times 3) \times 2 = 10 \times (n \times 2)$

5)  $10 \times (3 \times n) = (10 \times 3) \times 2$

6)  $5 \times (n \times 10) = (5 \times 6) \times 10$

7)  $(5 \times 1) \times n = 5 \times (1 \times 4)$

8)  $0 \times (4 \times 7) = (0 \times 4) \times n$

9)  $(n \times 7) \times 3 = 9 \times (7 \times 3)$

10)  $(n \times 6) \times 8 = 7 \times (6 \times 8)$

11)  $(7 \times n) \times 1 = 7 \times (0 \times 1)$

12)  $(8 \times 9) \times 10 = n \times (9 \times 10)$

13)  $3 \times (4 \times 2) = (n \times 4) \times 2$

14)  $0 \times (5 \times 1) = (0 \times 5) \times n$

15)  $n \times (5 \times 0) = (1 \times 5) \times 0$

16)  $1 \times (2 \times 9) = (1 \times 2) \times n$

17)  $5 \times (7 \times 0) = (5 \times 7) \times n$

18)  $4 \times (1 \times 7) = (n \times 1) \times 7$

19)  $(3 \times n) \times 8 = 3 \times (2 \times 8)$

20)  $(3 \times 2) \times 9 = 3 \times (n \times 9)$

1. 8

2. 6

3. 0

4. 3

5. 2

6. 6

7. 4

8. 7

9. 9

10. 7

11. 0

12. 8

13. 3

14. 1

15. 1

16. 9

17. 0

18. 4

19. 2

20. 2



**Encontrar el valor de n.**

**Respuestas**

1)  $5 \times (8 \times n) = (5 \times 8) \times 7$

2)  $6 \times (3 \times n) = (6 \times 3) \times 8$

3)  $(1 \times n) \times 5 = 1 \times (4 \times 5)$

4)  $(10 \times 3) \times 2 = n \times (3 \times 2)$

5)  $(n \times 1) \times 5 = 0 \times (1 \times 5)$

6)  $n \times (8 \times 7) = (1 \times 8) \times 7$

7)  $2 \times (0 \times 9) = (2 \times n) \times 9$

8)  $4 \times (10 \times 1) = (4 \times n) \times 1$

9)  $(6 \times 7) \times 1 = 6 \times (7 \times n)$

10)  $6 \times (1 \times 10) = (6 \times 1) \times n$

11)  $4 \times (2 \times 3) = (4 \times 2) \times n$

12)  $(8 \times 10) \times 3 = 8 \times (n \times 3)$

13)  $(3 \times 4) \times n = 3 \times (4 \times 5)$

14)  $(2 \times 9) \times 7 = 2 \times (9 \times n)$

15)  $6 \times (5 \times 3) = (n \times 5) \times 3$

16)  $(2 \times 3) \times n = 2 \times (3 \times 6)$

17)  $4 \times (n \times 2) = (4 \times 9) \times 2$

18)  $(8 \times 7) \times n = 8 \times (7 \times 5)$

19)  $5 \times (7 \times n) = (5 \times 7) \times 6$

20)  $0 \times (4 \times 6) = (n \times 4) \times 6$

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

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19. \_\_\_\_\_

20. \_\_\_\_\_



**Encontrar el valor de n.**

**Respuestas**

1)  $5 \times (8 \times n) = (5 \times 8) \times 7$

2)  $6 \times (3 \times n) = (6 \times 3) \times 8$

3)  $(1 \times n) \times 5 = 1 \times (4 \times 5)$

4)  $(10 \times 3) \times 2 = n \times (3 \times 2)$

5)  $(n \times 1) \times 5 = 0 \times (1 \times 5)$

6)  $n \times (8 \times 7) = (1 \times 8) \times 7$

7)  $2 \times (0 \times 9) = (2 \times n) \times 9$

8)  $4 \times (10 \times 1) = (4 \times n) \times 1$

9)  $(6 \times 7) \times 1 = 6 \times (7 \times n)$

10)  $6 \times (1 \times 10) = (6 \times 1) \times n$

11)  $4 \times (2 \times 3) = (4 \times 2) \times n$

12)  $(8 \times 10) \times 3 = 8 \times (n \times 3)$

13)  $(3 \times 4) \times n = 3 \times (4 \times 5)$

14)  $(2 \times 9) \times 7 = 2 \times (9 \times n)$

15)  $6 \times (5 \times 3) = (n \times 5) \times 3$

16)  $(2 \times 3) \times n = 2 \times (3 \times 6)$

17)  $4 \times (n \times 2) = (4 \times 9) \times 2$

18)  $(8 \times 7) \times n = 8 \times (7 \times 5)$

19)  $5 \times (7 \times n) = (5 \times 7) \times 6$

20)  $0 \times (4 \times 6) = (n \times 4) \times 6$

1. 7

2. 8

3. 4

4. 10

5. 0

6. 1

7. 0

8. 10

9. 1

10. 10

11. 3

12. 10

13. 5

14. 7

15. 6

16. 6

17. 9

18. 5

19. 6

20. 0



**Encontrar el valor de n.**

**Respuestas**

1)  $(1 \times 9) \times 10 = n \times (9 \times 10)$

2)  $n \times (7 \times 4) = (0 \times 7) \times 4$

3)  $9 \times (0 \times 7) = (9 \times n) \times 7$

4)  $9 \times (1 \times 10) = (9 \times 1) \times n$

5)  $(1 \times 9) \times 10 = n \times (9 \times 10)$

6)  $(4 \times n) \times 2 = 4 \times (5 \times 2)$

7)  $3 \times (5 \times 9) = (n \times 5) \times 9$

8)  $3 \times (6 \times 9) = (n \times 6) \times 9$

9)  $(8 \times 3) \times 1 = n \times (3 \times 1)$

10)  $(6 \times 5) \times 3 = 6 \times (5 \times n)$

11)  $n \times (4 \times 3) = (7 \times 4) \times 3$

12)  $4 \times (1 \times 2) = (n \times 1) \times 2$

13)  $1 \times (4 \times n) = (1 \times 4) \times 5$

14)  $0 \times (7 \times 9) = (0 \times n) \times 9$

15)  $(0 \times 2) \times 9 = 0 \times (2 \times n)$

16)  $(8 \times n) \times 3 = 8 \times (1 \times 3)$

17)  $0 \times (n \times 7) = (0 \times 1) \times 7$

18)  $(9 \times 3) \times 2 = 9 \times (3 \times n)$

19)  $(9 \times 7) \times 2 = 9 \times (7 \times n)$

20)  $n \times (10 \times 4) = (5 \times 10) \times 4$

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_
13. \_\_\_\_\_
14. \_\_\_\_\_
15. \_\_\_\_\_
16. \_\_\_\_\_
17. \_\_\_\_\_
18. \_\_\_\_\_
19. \_\_\_\_\_
20. \_\_\_\_\_



**Encontrar el valor de n.**

**Respuestas**

1)  $(1 \times 9) \times 10 = n \times (9 \times 10)$

2)  $n \times (7 \times 4) = (0 \times 7) \times 4$

3)  $9 \times (0 \times 7) = (9 \times n) \times 7$

4)  $9 \times (1 \times 10) = (9 \times 1) \times n$

5)  $(1 \times 9) \times 10 = n \times (9 \times 10)$

6)  $(4 \times n) \times 2 = 4 \times (5 \times 2)$

7)  $3 \times (5 \times 9) = (n \times 5) \times 9$

8)  $3 \times (6 \times 9) = (n \times 6) \times 9$

9)  $(8 \times 3) \times 1 = n \times (3 \times 1)$

10)  $(6 \times 5) \times 3 = 6 \times (5 \times n)$

11)  $n \times (4 \times 3) = (7 \times 4) \times 3$

12)  $4 \times (1 \times 2) = (n \times 1) \times 2$

13)  $1 \times (4 \times n) = (1 \times 4) \times 5$

14)  $0 \times (7 \times 9) = (0 \times n) \times 9$

15)  $(0 \times 2) \times 9 = 0 \times (2 \times n)$

16)  $(8 \times n) \times 3 = 8 \times (1 \times 3)$

17)  $0 \times (n \times 7) = (0 \times 1) \times 7$

18)  $(9 \times 3) \times 2 = 9 \times (3 \times n)$

19)  $(9 \times 7) \times 2 = 9 \times (7 \times n)$

20)  $n \times (10 \times 4) = (5 \times 10) \times 4$

1. 1

2. 0

3. 0

4. 10

5. 1

6. 5

7. 3

8. 3

9. 8

10. 3

11. 7

12. 4

13. 5

14. 7

15. 9

16. 1

17. 1

18. 2

19. 2

20. 5





**Encontrar el valor de n.**

**Respuestas**

1)  $(5 \times 2) \times 4 = 5 \times (2 \times n)$

2)  $0 \times (10 \times 6) = (0 \times 10) \times n$

3)  $2 \times (9 \times 10) = (2 \times 9) \times n$

4)  $(4 \times 0) \times 10 = 4 \times (0 \times n)$

5)  $9 \times (4 \times n) = (9 \times 4) \times 2$

6)  $(n \times 6) \times 5 = 4 \times (6 \times 5)$

7)  $(n \times 1) \times 8 = 4 \times (1 \times 8)$

8)  $(6 \times 4) \times 9 = 6 \times (4 \times n)$

9)  $(6 \times 5) \times n = 6 \times (5 \times 1)$

10)  $n \times (6 \times 8) = (2 \times 6) \times 8$

11)  $(3 \times 8) \times n = 3 \times (8 \times 9)$

12)  $3 \times (1 \times 2) = (n \times 1) \times 2$

13)  $6 \times (9 \times 5) = (6 \times n) \times 5$

14)  $2 \times (0 \times 4) = (2 \times 0) \times n$

15)  $3 \times (n \times 8) = (3 \times 4) \times 8$

16)  $7 \times (n \times 6) = (7 \times 1) \times 6$

17)  $8 \times (5 \times 0) = (8 \times n) \times 0$

18)  $4 \times (0 \times n) = (4 \times 0) \times 9$

19)  $3 \times (8 \times n) = (3 \times 8) \times 4$

20)  $2 \times (0 \times 3) = (2 \times 0) \times n$

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

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

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

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

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

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

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

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

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

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13. \_\_\_\_\_

14. \_\_\_\_\_

15. \_\_\_\_\_

16. \_\_\_\_\_

17. \_\_\_\_\_

18. \_\_\_\_\_

19. \_\_\_\_\_

20. \_\_\_\_\_



**Encontrar el valor de n.**

**Respuestas**

1)  $(5 \times 2) \times 4 = 5 \times (2 \times n)$

2)  $0 \times (10 \times 6) = (0 \times 10) \times n$

3)  $2 \times (9 \times 10) = (2 \times 9) \times n$

4)  $(4 \times 0) \times 10 = 4 \times (0 \times n)$

5)  $9 \times (4 \times n) = (9 \times 4) \times 2$

6)  $(n \times 6) \times 5 = 4 \times (6 \times 5)$

7)  $(n \times 1) \times 8 = 4 \times (1 \times 8)$

8)  $(6 \times 4) \times 9 = 6 \times (4 \times n)$

9)  $(6 \times 5) \times n = 6 \times (5 \times 1)$

10)  $n \times (6 \times 8) = (2 \times 6) \times 8$

11)  $(3 \times 8) \times n = 3 \times (8 \times 9)$

12)  $3 \times (1 \times 2) = (n \times 1) \times 2$

13)  $6 \times (9 \times 5) = (6 \times n) \times 5$

14)  $2 \times (0 \times 4) = (2 \times 0) \times n$

15)  $3 \times (n \times 8) = (3 \times 4) \times 8$

16)  $7 \times (n \times 6) = (7 \times 1) \times 6$

17)  $8 \times (5 \times 0) = (8 \times n) \times 0$

18)  $4 \times (0 \times n) = (4 \times 0) \times 9$

19)  $3 \times (8 \times n) = (3 \times 8) \times 4$

20)  $2 \times (0 \times 3) = (2 \times 0) \times n$

1. 4

2. 6

3. 10

4. 10

5. 2

6. 4

7. 4

8. 9

9. 1

10. 2

11. 9

12. 3

13. 9

14. 4

15. 4

16. 1

17. 5

18. 9

19. 4

20. 3



**Encontrar el valor de n.**

**Respuestas**

1)  $n \times (10 \times 2) = (0 \times 10) \times 2$

2)  $(2 \times 6) \times 10 = 2 \times (n \times 10)$

3)  $n \times (2 \times 5) = (6 \times 2) \times 5$

4)  $9 \times (n \times 3) = (9 \times 1) \times 3$

5)  $7 \times (5 \times 6) = (7 \times n) \times 6$

6)  $9 \times (1 \times 4) = (n \times 1) \times 4$

7)  $(n \times 9) \times 6 = 1 \times (9 \times 6)$

8)  $(n \times 3) \times 6 = 5 \times (3 \times 6)$

9)  $8 \times (3 \times n) = (8 \times 3) \times 0$

10)  $5 \times (9 \times n) = (5 \times 9) \times 8$

11)  $n \times (3 \times 0) = (8 \times 3) \times 0$

12)  $(n \times 10) \times 2 = 8 \times (10 \times 2)$

13)  $1 \times (7 \times 4) = (n \times 7) \times 4$

14)  $7 \times (1 \times 10) = (7 \times 1) \times n$

15)  $6 \times (8 \times 7) = (6 \times 8) \times n$

16)  $n \times (9 \times 10) = (2 \times 9) \times 10$

17)  $2 \times (6 \times 3) = (2 \times n) \times 3$

18)  $(3 \times 2) \times 5 = 3 \times (n \times 5)$

19)  $n \times (4 \times 7) = (2 \times 4) \times 7$

20)  $(7 \times 4) \times 9 = 7 \times (n \times 9)$

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

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

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

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

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

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

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

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

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

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

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

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13. \_\_\_\_\_

14. \_\_\_\_\_

15. \_\_\_\_\_

16. \_\_\_\_\_

17. \_\_\_\_\_

18. \_\_\_\_\_

19. \_\_\_\_\_

20. \_\_\_\_\_



**Encontrar el valor de n.**

**Respuestas**

1)  $n \times (10 \times 2) = (0 \times 10) \times 2$

2)  $(2 \times 6) \times 10 = 2 \times (n \times 10)$

3)  $n \times (2 \times 5) = (6 \times 2) \times 5$

4)  $9 \times (n \times 3) = (9 \times 1) \times 3$

5)  $7 \times (5 \times 6) = (7 \times n) \times 6$

6)  $9 \times (1 \times 4) = (n \times 1) \times 4$

7)  $(n \times 9) \times 6 = 1 \times (9 \times 6)$

8)  $(n \times 3) \times 6 = 5 \times (3 \times 6)$

9)  $8 \times (3 \times n) = (8 \times 3) \times 0$

10)  $5 \times (9 \times n) = (5 \times 9) \times 8$

11)  $n \times (3 \times 0) = (8 \times 3) \times 0$

12)  $(n \times 10) \times 2 = 8 \times (10 \times 2)$

13)  $1 \times (7 \times 4) = (n \times 7) \times 4$

14)  $7 \times (1 \times 10) = (7 \times 1) \times n$

15)  $6 \times (8 \times 7) = (6 \times 8) \times n$

16)  $n \times (9 \times 10) = (2 \times 9) \times 10$

17)  $2 \times (6 \times 3) = (2 \times n) \times 3$

18)  $(3 \times 2) \times 5 = 3 \times (n \times 5)$

19)  $n \times (4 \times 7) = (2 \times 4) \times 7$

20)  $(7 \times 4) \times 9 = 7 \times (n \times 9)$

1. 0

2. 6

3. 6

4. 1

5. 5

6. 9

7. 1

8. 5

9. 0

10. 8

11. 8

12. 8

13. 1

14. 10

15. 7

16. 2

17. 6

18. 2

19. 2

20. 4