



Find the value of n.

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

Answers

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Find the value of n.

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

Answers

1. 9

2. 2

3. 8

4. 5

5. 3

6. 3

7. 6

8. 5

9. 3

10. 7

11. 3

12. 5

13. 6

14. 0

15. 9

16. 2

17. 1

18. 8

19. 10

20. 9



Find the value of n.

Answers

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

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



Find the value of n.

Answers

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|--|---|---------------|
| 1) $(10 \times 7) \times 4 = 10 \times (n \times 4)$ | 2) $(4 \times 7) \times 0 = n \times (7 \times 0)$    | 1. <u>7</u>   |
| 3) $5 \times (4 \times 7) = (5 \times 4) \times n$   | 4) $n \times (5 \times 2) = (9 \times 5) \times 2$    | 2. <u>4</u>   |
| 5) $10 \times (2 \times n) = (10 \times 2) \times 9$ | 6) $10 \times (5 \times 6) = (n \times 5) \times 6$   | 3. <u>7</u>   |
| 7) $(n \times 5) \times 3 = 9 \times (5 \times 3)$   | 8) $(n \times 7) \times 3 = 6 \times (7 \times 3)$    | 4. <u>9</u>   |
| 9) $5 \times (7 \times 2) = (5 \times n) \times 2$   | 10) $2 \times (3 \times 9) = (n \times 3) \times 9$   | 5. <u>9</u>   |
| 11) $(6 \times n) \times 1 = 6 \times (8 \times 1)$  | 12) $(10 \times 1) \times n = 10 \times (1 \times 7)$ | 6. <u>10</u>  |
| 13) $9 \times (10 \times 8) = (9 \times n) \times 8$ | 14) $(9 \times n) \times 6 = 9 \times (7 \times 6)$   | 7. <u>9</u>   |
| 15) $(8 \times 9) \times 2 = 8 \times (9 \times n)$  | 16) $(0 \times 1) \times 9 = 0 \times (1 \times n)$   | 8. <u>6</u>   |
| 17) $(8 \times 3) \times 6 = 8 \times (n \times 6)$  | 18) $4 \times (n \times 9) = (4 \times 0) \times 9$   | 9. <u>7</u>   |
| 19) $4 \times (9 \times 5) = (n \times 9) \times 5$  | 20) $3 \times (n \times 1) = (3 \times 8) \times 1$   | 10. <u>2</u>  |
|  |   | 11. <u>8</u>  |
|  |   | 12. <u>7</u>  |
|  |   | 13. <u>10</u> |
|  |   | 14. <u>7</u>  |
|  |   | 15. <u>2</u>  |
|  |   | 16. <u>9</u>  |
|  |   | 17. <u>3</u>  |
|  |   | 18. <u>0</u>  |
|  |   | 19. <u>4</u>  |
|  |   | 20. <u>8</u>  |



Find the value of n.

Answers

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

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

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

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

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



Find the value of n.

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

Answers

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



Find the value of n.

**Answers**

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

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

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

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

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

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

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

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



Find the value of n.

Answers

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





Find the value of n.

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

Answers

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

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

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

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



Find the value of n.

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

Answers

1. 8

2. 2

3. 6

4. 10

5. 7

6. 0

7. 1

8. 3

9. 5

10. 1

11. 2

12. 5

13. 6

14. 8

15. 5

16. 3

17. 6

18. 10

19. 3

20. 5



Find the value of n.

Answers

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



Find the value of n.

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

Answers

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



Find the value of n.

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

Answers

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



Find the value of n.

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

Answers

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



Find the value of n.

Answers

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. \_\_\_\_\_



Find the value of n.

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

Answers

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





Find the value of n.

Answers

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. \_\_\_\_\_

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

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

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

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

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

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

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

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

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

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

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

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

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

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



Find the value of n.

Answers

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

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

1. 4

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

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

2. 6

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

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

3. 10

4. 10

5. 2

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

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

6. 4

7. 4

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

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

8. 9

9. 1

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

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

10. 2

11. 9

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

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

12. 3

13. 9

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

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

14. 4

15. 4

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

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

16. 1

17. 5

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

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

18. 9

19. 4

20. 3



Find the value of n.

**Answers**

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. \_\_\_\_\_

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

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

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

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

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

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

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

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

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



Find the value of n.

Answers

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

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

1. 0

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

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

2. 6

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

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

3. 6

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

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

4. 1

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

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

5. 5

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

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

6. 9

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

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

7. 1

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

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

8. 5

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

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

9. 0

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

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

10. 8

11. 8

12. 8

13. 1

14. 10

15. 7

16. 2

17. 6

18. 2

19. 2

20. 4