



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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19. _____

20. _____



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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15. _____

16. _____

17. _____

18. _____

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

1. _____

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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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4. _____

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10. _____

11. _____

12. _____

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

1. 1

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

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

2. 3

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

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

3. 5

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

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

4. 9

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

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

5. 2

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

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

6. 0

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

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

7. 1

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

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

8. 9

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

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

9. 4

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

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

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

1. _____

2. _____

3. _____

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13. _____

14. _____

15. _____

16. _____

17. _____

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

1. _____

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14. _____

15. _____

16. _____

17. _____

18. _____

19. _____

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.

Answers

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

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

1. _____

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

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

2. _____

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

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

3. _____

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

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

4. _____

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

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

5. _____

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

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

6. _____

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

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

7. _____

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

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

8. _____

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

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

9. _____

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

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

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.

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

Answers

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