



Associative Property (Missing Digit)

Name: _____

Find the value of n.

Answers

1) $(9 \times n) \times 0 = 9 \times (3 \times 0)$

- A. 0
B. 3
C. 9
D. 9

2) $1 \times (n \times 7) = (1 \times 3) \times 7$

- A. 1
B. 7
C. 0
D. 3

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

- A. 9
B. 7
C. 7
D. 5

4) $n \times (4 \times 0) = (1 \times 4) \times 0$

- A. 1
B. 0
C. 5
D. 4

5) $(6 \times 8) \times n = 6 \times (8 \times 9)$

- A. 9
B. 6
C. 8
D. 3

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

- A. 0
B. 6
C. 5
D. 7

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

- A. 8
B. 1
C. 5
D. 5

8) $(10 \times 4) \times 9 = n \times (4 \times 9)$

- A. 10
B. 9
C. 4
D. 9

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

- A. 1
B. 10
C. 7
D. 3

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

- A. 10
B. 1
C. 8
D. 9

11) $(4 \times 6) \times 0 = n \times (6 \times 0)$

- A. 2
B. 0
C. 4
D. 6

12) $(6 \times 3) \times n = 6 \times (3 \times 1)$

- A. 3
B. 1
C. 3
D. 6

13) $10 \times (9 \times 7) = (n \times 9) \times 7$

- A. 7
B. 7
C. 5
D. 10

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

- A. 3
B. 6
C. 10
D. 7

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

| | | | | | | | | | | |
|-------|----|----|----|----|----|----|----|----|----|----|
| 1-10 | 93 | 86 | 79 | 71 | 64 | 57 | 50 | 43 | 36 | 29 |
| 11-14 | 21 | 14 | 7 | 0 | | | | | | |



Find the value of n.

1) $(9 \times n) \times 0 = 9 \times (3 \times 0)$

- A. 0
B. 3
C. 9
D. 9

2) $1 \times (n \times 7) = (1 \times 3) \times 7$

- A. 1
B. 7
C. 0
D. 3

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

- A. 9
B. 7
C. 7
D. 5

4) $n \times (4 \times 0) = (1 \times 4) \times 0$

- A. 1
B. 0
C. 5
D. 4

5) $(6 \times 8) \times n = 6 \times (8 \times 9)$

- A. 9
B. 6
C. 8
D. 3

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

- A. 0
B. 6
C. 5
D. 7

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

- A. 8
B. 1
C. 5
D. 5

8) $(10 \times 4) \times 9 = n \times (4 \times 9)$

- A. 10
B. 9
C. 4
D. 9

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

- A. 1
B. 10
C. 7
D. 3

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

- A. 10
B. 1
C. 8
D. 9

11) $(4 \times 6) \times 0 = n \times (6 \times 0)$

- A. 2
B. 0
C. 4
D. 6

12) $(6 \times 3) \times n = 6 \times (3 \times 1)$

- A. 3
B. 1
C. 3
D. 6

13) $10 \times (9 \times 7) = (n \times 9) \times 7$

- A. 7
B. 7
C. 5
D. 10

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

- A. 3
B. 6
C. 10
D. 7

Answers1. **B**2. **D**3. **A**4. **A**5. **A**6. **B**7. **A**8. **A**9. **A**10. **D**11. **C**12. **B**13. **D**14. **C**