Associative Property (Missing Digit)

Name:

Find the value of n.

1) (5 × 2) × 4 = 5 × (2 × n)
A. 2
B. 5
C. 2
D. 4

2) 0 × (10 × 6) = (0 × 10) × n
A. 6
B. 0
C. 0
D. 5

3) 2 × (9 × 10) = (2 × 9) × n
A. 1
B. 10
C. 9
D. 9

4) (4 × 0) × 10 = 4 × (0 × n)
A. 10
B. 0
C. 4
D. 7

5) 9 × (4 × n) = (9 × 4) × 2
A. 9
B. 3
C. 2
D. 4

6) (n × 6) × 5 = 4 × (6 × 5)
A. 4
B. 3
C. 5
D. 6

7) (n × 1) × 8 = 4 × (1 × 8)
A. 8
B. 1
C. 4
D. 9

8) (6 × 4) × 9 = 6 × (4 × n)
A. 9
B. 10
C. 6
D. 6

9) (6 × 5) × n = 6 × (5 × 1)
A. 10
B. 6
C. 1
D. 5

10) n × (6 × 8) = (2 × 6) × 8
A. 6
B. 2
C. 6
D. 7

11) (3 × 8) × n = 3 × (8 × 9)
A. 3
B. 4
C. 9
D. 8

12) 3 × (1 × 2) = (n × 1) × 2
A. 3
B. 2
C. 1
D. 10

13) 6 × (9 × 5) = (6 × n) × 5
A. 9
B. 5
C. 6
D. 6

14) 2 × (0 × 4) = (2 × 0) × n
A. 10
B. 4
C. 2
D. 2

Answers

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						

Associative Property (Missing Digit) Name: **Answer Key**

Find the value of n.

1) (5 × 2) × 4 = 5 × (2 × n)
A. 2
B. 5
C. 2
D. 4

2) 0 × (10 × 6) = (0 × 10) × n
A. 6
B. 0
C. 0
D. 5

3) 2 × (9 × 10) = (2 × 9) × n
A. 1
B. 10
C. 9
D. 9

4) (4 × 0) × 10 = 4 × (0 × n)
A. 10
B. 0
C. 4
D. 7

5) 9 × (4 × n) = (9 × 4) × 2
A. 9
B. 3
C. 2
D. 4

6) (n × 6) × 5 = 4 × (6 × 5)
A. 4
B. 3
C. 5
D. 6

7) (n × 1) × 8 = 4 × (1 × 8)
A. 8
B. 1
C. 4
D. 9

8) (6 × 4) × 9 = 6 × (4 × n)
A. 9
B. 10
C. 6
D. 6

9) (6 × 5) × n = 6 × (5 × 1)
A. 10
B. 6
C. 1
D. 5

10) n × (6 × 8) = (2 × 6) × 8
A. 6
B. 2
C. 6
D. 7

11) (3 × 8) × n = 3 × (8 × 9)
A. 3
B. 4
C. 9
D. 8

12) 3 × (1 × 2) = (n × 1) × 2
A. 3
B. 2
C. 1
D. 10

13) 6 × (9 × 5) = (6 × n) × 5
A. 9
B. 5
C. 6
D. 6

14) 2 × (0 × 4) = (2 × 0) × n
A. 10
B. 4
C. 2
D. 2

Answers

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

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