Associative Value (Missing Digit)

Name:

Find the value of n.

1) (6 × 10) × n = 6 × (10 × 1)

2) 3 × (1 × 9) = (n × 1) × 9

3) 1 × (8 × n) = (1 × 8) × 5

4) 5 × (7 × 9) = (5 × 7) × n

5) n × (7 × 1) = (2 × 7) × 1

6) 1 × (10 × n) = (1 × 10) × 0

7) 6 × (n × 0) = (6 × 1) × 0

8) (8 × 6) × n = 8 × (6 × 9)

9) (6 × 4) × 0 = 6 × (n × 0)

10) 4 × (7 × 6) = (4 × 7) × n

11) (9 × 0) × 2 = n × (0 × 2)

12) n × (7 × 3) = (2 × 7) × 3

13) (4 × 9) × n = 4 × (9 × 3)

14) 3 × (4 × 9) = (3 × n) × 9

15) n × (5 × 4) = (8 × 5) × 4

16) 0 × (2 × 9) = (0 × 2) × n

17) 7 × (9 × 1) = (n × 9) × 1

18) 3 × (n × 4) = (3 × 7) × 4

19) 1 × (9 × 3) = (1 × 9) × n

20) 7 × (n × 0) = (7 × 4) × 0

Answers

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

1-10	95	90	85	80	75	70	65	60	55	50
11-20	45	40	35	30	25	20	15	10	5	0

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

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1) (6 × 10) × n = 6 × (10 × 1)

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19) 1 × (9 × 3) = (1 × 9) × n

20) 7 × (n × 0) = (7 × 4) × 0

Answers

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

1-10	95	90	85	80	75	70	65	60	55	50
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