



## Associative Property (Missing Digit)

Name: \_\_\_\_\_

Find the value of n.

Answers

1)  $9 \times (10 \times 2) = (n \times 10) \times 2$

- A. 9  
B. 10  
C. 5  
D. 2

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

- A. 10  
B. 0  
C. 0  
D. 4

3)  $8 \times (4 \times 1) = (8 \times 4) \times n$

- A. 8  
B. 4  
C. 3  
D. 1

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

- A. 9  
B. 3  
C. 4  
D. 3

5)  $(2 \times 3) \times 4 = 2 \times (n \times 4)$

- A. 3  
B. 2  
C. 1  
D. 4

6)  $(7 \times 3) \times n = 7 \times (3 \times 4)$

- A. 3  
B. 3  
C. 4  
D. 7

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

- A. 4  
B. 1  
C. 8  
D. 1

8)  $(9 \times n) \times 10 = 9 \times (0 \times 10)$

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

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

- A. 2  
B. 2  
C. 4  
D. 5

10)  $(7 \times 2) \times 8 = 7 \times (2 \times n)$

- A. 5  
B. 7  
C. 2  
D. 8

11)  $2 \times (5 \times 9) = (2 \times 5) \times n$

- A. 5  
B. 3  
C. 9  
D. 5

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

- A. 10  
B. 0  
C. 9  
D. 4

13)  $(3 \times 7) \times 6 = 3 \times (7 \times n)$

- A. 0  
B. 6  
C. 3  
D. 3

14)  $6 \times (n \times 9) = (6 \times 10) \times 9$

- A. 10  
B. 9  
C. 6  
D. 0

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.**

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- A. 9  
B. 10  
C. 5  
D. 2

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

- A. 10  
B. 0  
C. 0  
D. 4

3)  $8 \times (4 \times 1) = (8 \times 4) \times n$

- A. 8  
B. 4  
C. 3  
D. 1

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

- A. 9  
B. 3  
C. 4  
D. 3

5)  $(2 \times 3) \times 4 = 2 \times (n \times 4)$

- A. 3  
B. 2  
C. 1  
D. 4

6)  $(7 \times 3) \times n = 7 \times (3 \times 4)$

- A. 3  
B. 3  
C. 4  
D. 7

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

- A. 4  
B. 1  
C. 8  
D. 1

8)  $(9 \times n) \times 10 = 9 \times (0 \times 10)$

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

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

- A. 2  
B. 2  
C. 4  
D. 5

10)  $(7 \times 2) \times 8 = 7 \times (2 \times n)$

- A. 5  
B. 7  
C. 2  
D. 8

11)  $2 \times (5 \times 9) = (2 \times 5) \times n$

- A. 5  
B. 3  
C. 9  
D. 5

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

- A. 10  
B. 0  
C. 9  
D. 4

13)  $(3 \times 7) \times 6 = 3 \times (7 \times n)$

- A. 0  
B. 6  
C. 3  
D. 3

14)  $6 \times (n \times 9) = (6 \times 10) \times 9$

- A. 10  
B. 9  
C. 6  
D. 0

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