



Determine which property of multiplication is shown (Associative, Identity, Distributive or Commutative).

Answers

1)  $10 \times (4 \times 9) = (10 \times 4) \times 9$

1. \_\_\_\_\_

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

2. \_\_\_\_\_

3)  $5 \times (7 + 2) = (5 \times 7) + (5 \times 2)$

3. \_\_\_\_\_

4)  $3 \times (7 \times 9) = (3 \times 7) \times 9$

4. \_\_\_\_\_

5)  $1 \times 3 = 3$

5. \_\_\_\_\_

6)  $(6 \times 2) \times 0 = 6 \times (2 \times 0)$

6. \_\_\_\_\_

7)  $7 \times (5 + 2) = (7 \times 5) + (7 \times 2)$

7. \_\_\_\_\_

8)  $10 \times 1 = 10$

8. \_\_\_\_\_

9)  $8 \times (9 \times 7) = (8 \times 9) \times 7$

9. \_\_\_\_\_

10)  $0 \times 1 = 0$

10. \_\_\_\_\_

11)  $2 \times 1 = 1 \times 2$

11. \_\_\_\_\_

12)  $(8 \times 4) + (8 \times 5) = 8 \times (4 + 5)$

12. \_\_\_\_\_

13)  $1 \times 9 = 9$

13. \_\_\_\_\_

14)  $3 \times 5 = 5 \times 3$

14. \_\_\_\_\_

15)  $1 \times 1 = 1$

15. \_\_\_\_\_

16)  $(10 \times 2) \times 7 = 10 \times (2 \times 7)$

16. \_\_\_\_\_

17)  $2 \times 6 = 6 \times 2$

17. \_\_\_\_\_

18)  $0 \times (10 + 5) = (0 \times 10) + (0 \times 5)$

18. \_\_\_\_\_

19)  $6 \times 9 = 9 \times 6$

19. \_\_\_\_\_

20)  $7 \times 0 = 0 \times 7$

20. \_\_\_\_\_



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- 1)  $10 \times (4 \times 9) = (10 \times 4) \times 9$
- 2)  $(0 \times 10) + (0 \times 2) = 0 \times (10 + 2)$
- 3)  $5 \times (7 + 2) = (5 \times 7) + (5 \times 2)$
- 4)  $3 \times (7 \times 9) = (3 \times 7) \times 9$
- 5)  $1 \times 3 = 3$
- 6)  $(6 \times 2) \times 0 = 6 \times (2 \times 0)$
- 7)  $7 \times (5 + 2) = (7 \times 5) + (7 \times 2)$
- 8)  $10 \times 1 = 10$
- 9)  $8 \times (9 \times 7) = (8 \times 9) \times 7$
- 10)  $0 \times 1 = 0$
- 11)  $2 \times 1 = 1 \times 2$
- 12)  $(8 \times 4) + (8 \times 5) = 8 \times (4 + 5)$
- 13)  $1 \times 9 = 9$
- 14)  $3 \times 5 = 5 \times 3$
- 15)  $1 \times 1 = 1$
- 16)  $(10 \times 2) \times 7 = 10 \times (2 \times 7)$
- 17)  $2 \times 6 = 6 \times 2$
- 18)  $0 \times (10 + 5) = (0 \times 10) + (0 \times 5)$
- 19)  $6 \times 9 = 9 \times 6$
- 20)  $7 \times 0 = 0 \times 7$

Answers

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