



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

Answers

1)  $3 \times (5 + 8) = (3 \times 5) + (3 \times 8)$

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

2)  $1 \times 6 = 6$

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

3)  $(4 \times 9) + (4 \times 1) = 4 \times (9 + 1)$

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

4)  $(3 \times 10) \times 8 = 3 \times (10 \times 8)$

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

5)  $1 \times 0 = 0 \times 1$

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

6)  $1 \times 1 = 1$

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

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

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

8)  $1 \times 10 = 10$

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

9)  $6 \times 5 = 5 \times 6$

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

10)  $6 \times 1 = 6$

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

11)  $4 \times 9 = 9 \times 4$

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

12)  $(10 \times 1) \times 8 = 10 \times (1 \times 8)$

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

13)  $3 \times 1 = 3$

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

14)  $(8 \times 2) \times 9 = 8 \times (2 \times 9)$

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

15)  $5 \times (6 \times 4) = (5 \times 6) \times 4$

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

16)  $(2 \times 7) \times 3 = 2 \times (7 \times 3)$

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

17)  $0 \times (9 + 4) = (0 \times 9) + (0 \times 4)$

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

18)  $(9 \times 8) + (9 \times 7) = 9 \times (8 + 7)$

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

19)  $3 \times (5 + 7) = (3 \times 5) + (3 \times 7)$

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

20)  $0 \times 4 = 4 \times 0$

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



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

Answers

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