



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) $1 \times 6 = 6$

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

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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