



Identity Properties of Multiplication

Name: _____

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

1) $5 \times 1 = 5$

2) $(7 \times 2) + (7 \times 1) = 7 \times (2 + 1)$

3) $5 \times 7 = 7 \times 5$

4) $(8 \times 0) + (8 \times 4) = 8 \times (0 + 4)$

5) $9 \times 8 = 8 \times 9$

6) $3 \times 6 = 6 \times 3$

7) $9 \times (3 \times 0) = (9 \times 3) \times 0$

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

9) $1 \times 0 = 0$

10) $(8 \times 10) + (8 \times 9) = 8 \times (10 + 9)$

11) $1 \times 5 = 5$

12) $(7 \times 10) \times 4 = 7 \times (10 \times 4)$

13) $(9 \times 8) \times 1 = 9 \times (8 \times 1)$

14) $4 \times (6 \times 9) = (4 \times 6) \times 9$

15) $3 \times 1 = 3$

16) $(1 \times 8) \times 7 = 1 \times (8 \times 7)$

17) $10 \times 1 = 10$

18) $(10 \times 3) + (10 \times 9) = 10 \times (3 + 9)$

19) $3 \times 1 = 1 \times 3$

20) $(6 \times 0) + (6 \times 7) = 6 \times (0 + 7)$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

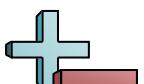
16. _____

17. _____

18. _____

19. _____

20. _____



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Answers

1. **identity**

2. **distributive**

3. **commutative**

4. **distributive**

5. **commutative**

6. **commutative**

7. **associative**

8. **commutative**

9. **identity**

10. **distributive**

11. **identity**

12. **associative**

13. **associative**

14. **associative**

15. **identity**

16. **associative**

17. **identity**

18. **distributive**

19. **commutative**

20. **distributive**