



Identity Properties of Multiplication

Name: _____

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

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

1. _____

2) $2 \times 7 = 7 \times 2$

2. _____

3) $8 \times 2 = 2 \times 8$

3. _____

4) $5 \times 1 = 5$

4. _____

5) $1 \times 3 = 3$

5. _____

6) $7 \times (3 \times 9) = (7 \times 3) \times 9$

6. _____

7) $6 \times (5 \times 4) = (6 \times 5) \times 4$

7. _____

8) $(2 \times 6) + (2 \times 0) = 2 \times (6 + 0)$

8. _____

9) $(10 \times 6) + (10 \times 1) = 10 \times (6 + 1)$

9. _____

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

10. _____

11) $(7 \times 5) + (7 \times 4) = 7 \times (5 + 4)$

11. _____

12) $5 \times (4 \times 9) = (5 \times 4) \times 9$

12. _____

13) $8 \times (5 \times 10) = (8 \times 5) \times 10$

13. _____

14) $4 \times (0 \times 10) = (4 \times 0) \times 10$

14. _____

15) $1 \times 9 = 9$

15. _____

16) $1 \times (2 + 9) = (1 \times 2) + (1 \times 9)$

16. _____

17) $0 \times 4 = 4 \times 0$

17. _____

18) $7 \times (10 + 5) = (7 \times 10) + (7 \times 5)$

18. _____

19) $6 \times 1 = 6$

19. _____

20) $9 \times 1 = 9$

20. _____

Answers



Identity Properties of Multiplication

Name: **Answer Key**

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

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

1. **commutative**

2) $2 \times 7 = 7 \times 2$

2. **commutative**

3) $8 \times 2 = 2 \times 8$

3. **commutative**

4) $5 \times 1 = 5$

4. **identity**

5) $1 \times 3 = 3$

5. **identity**

6) $7 \times (3 \times 9) = (7 \times 3) \times 9$

6. **associative**

7) $6 \times (5 \times 4) = (6 \times 5) \times 4$

7. **associative**

8) $(2 \times 6) + (2 \times 0) = 2 \times (6 + 0)$

8. **distributive**

9) $(10 \times 6) + (10 \times 1) = 10 \times (6 + 1)$

9. **distributive**

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

10. **commutative**

11) $(7 \times 5) + (7 \times 4) = 7 \times (5 + 4)$

11. **distributive**

12) $5 \times (4 \times 9) = (5 \times 4) \times 9$

12. **associative**

13) $8 \times (5 \times 10) = (8 \times 5) \times 10$

13. **associative**

14) $4 \times (0 \times 10) = (4 \times 0) \times 10$

14. **associative**

15) $1 \times 9 = 9$

15. **identity**

16) $1 \times (2 + 9) = (1 \times 2) + (1 \times 9)$

16. **distributive**

17) $0 \times 4 = 4 \times 0$

17. **commutative**

18) $7 \times (10 + 5) = (7 \times 10) + (7 \times 5)$

18. **distributive**

19) $6 \times 1 = 6$

19. **identity**

20) $9 \times 1 = 9$

20. **identity****Answers**

1-10	95	90	85	80	75	70	65	60	55	50
11-20	45	40	35	30	25	20	15	10	5	0