Identity Properties of Multiplication

Name:

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

1) $6 \times 1 = 1 \times 6$

1. _____

2) $7 \times (3 + 8) = (7 \times 3) + (7 \times 8)$

2. _____

3) $9 \times (1 \times 7) = (9 \times 1) \times 7$

3. _____

4) $10 \times (1 \times 2) = (10 \times 1) \times 2$

4. _____

5) $6 \times (9 \times 3) = (6 \times 9) \times 3$

5. _____

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

6. _____

7) $8 \times 1 = 8$

7. _____

8) $6 \times 5 = 5 \times 6$

8. _____

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

9. _____

10) $9 \times (1 + 5) = (9 \times 1) + (9 \times 5)$

10. _____

11) $8 \times 5 = 5 \times 8$

11. _____

12) $1 \times 4 = 4$

12. _____

13) $1 \times 6 = 6$

13. _____

14) $1 \times 1 = 1$

14. _____

15) $2 \times (6 + 3) = (2 \times 6) + (2 \times 3)$

15. _____

16) $8 \times (5 \times 4) = (8 \times 5) \times 4$

16. _____

17) $1 \times 10 = 10$

17. _____

18) $8 \times 4 = 4 \times 8$

18. _____

19) $2 \times (10 + 9) = (2 \times 10) + (2 \times 9)$

19. _____

20) $4 \times 6 = 6 \times 4$

20. _____

Math

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

1) $6 \times 1 = 1 \times 6$

1. ___**commutative**___

2) $7 \times (3 + 8) = (7 \times 3) + (7 \times 8)$

2. ___**distributive**___

3) $9 \times (1 \times 7) = (9 \times 1) \times 7$

3. ___**associative**___

4) $10 \times (1 \times 2) = (10 \times 1) \times 2$

4. ___**associative**___

5) $6 \times (9 \times 3) = (6 \times 9) \times 3$

5. ___**associative**___

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

6. ___**associative**___

7) $8 \times 1 = 8$

7. ___**identity**___

8) $6 \times 5 = 5 \times 6$

8. ___**commutative**___

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

9. ___**distributive**___

10) $9 \times (1 + 5) = (9 \times 1) + (9 \times 5)$

10. ___**distributive**___

11) $8 \times 5 = 5 \times 8$

11. ___**commutative**___

12) $1 \times 4 = 4$

12. ___**identity**___

13) $1 \times 6 = 6$

13. ___**identity**___

14) $1 \times 1 = 1$

14. ___**identity**___

15) $2 \times (6 + 3) = (2 \times 6) + (2 \times 3)$

15. ___**distributive**___

16) $8 \times (5 \times 4) = (8 \times 5) \times 4$

16. ___**associative**___

17) $1 \times 10 = 10$

17. ___**identity**___

18) $8 \times 4 = 4 \times 8$

18. ___**commutative**___

19) $2 \times (10 + 9) = (2 \times 10) + (2 \times 9)$

19. ___**distributive**___

20) $4 \times 6 = 6 \times 4$

20. ___**commutative**___

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