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

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

2) $0 \times (7 \times 1) = (0 \times 7) \times 1$

3) $1 \times 5 = 5$

4) $1 \times 0 = 0$

5) $1 \times 1 = 1$

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

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

8) $6 \times (3 \times 8) = (6 \times 3) \times 8$

9) $(3 \times 8) + (3 \times 5) = 3 \times (8 + 5)$

10) $(10 \times 6) + (10 \times 5) = 10 \times (6 + 5)$

11) $7 \times (4 + 8) = (7 \times 4) + (7 \times 8)$

12) $4 \times 1 = 1 \times 4$

13) $6 \times (1 \times 4) = (6 \times 1) \times 4$

14) $6 \times (7 \times 0) = (6 \times 7) \times 0$

15) $0 \times 1 = 1 \times 0$

16) $(10 \times 1) + (10 \times 8) = 10 \times (1 + 8)$

17) $1 \times (9 + 0) = (1 \times 9) + (1 \times 0)$

18) $4 \times 9 = 9 \times 4$

19) $9 \times 1 = 9$

20) $1 \times 10 = 10$

Answers

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

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

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Answers

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

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