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

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

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

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

4) $5 \times 1 = 5$

5) $1 \times 3 = 3$

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

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

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

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

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

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

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

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

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

15) $1 \times 9 = 9$

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

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

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

19) $1 \times 3 = 3$

20) $9 \times 1 = 9$

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

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

1) 7 × 2 = 2 × 7

2) 2 × 7 = 7 × 2

3) 8 × 2 = 2 × 8

4) 5 × 1 = 5

5) 1 × 3 = 3

6) 7 × (3 × 9) = (7 × 3) × 9

7) 6 × (5 × 4) = (6 × 5) × 4

8) (2 × 6) + (2 × 0) = 2 × (6 + 0)

9) (10 × 6) + (10 × 1) = 10 × (6 + 1)

10) 10 × 1 = 1 × 10

11) (7 × 5) + (7 × 4) = 7 × (5 + 4)

12) 5 × (4 × 9) = (5 × 4) × 9

13) 8 × (5 × 10) = (8 × 5) × 10

14) 4 × (0 × 10) = (4 × 0) × 10

15) 1 × 9 = 9

16) 1 × (2 + 9) = (1 × 2) + (1 × 9)

17) 0 × 4 = 4 × 0

18) 7 × (10 + 5) = (7 × 10) + (7 × 5)

19) 1 × 3 = 3

20) 9 × 1 = 9

Answers

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

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