



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

Answers

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) $1 \times 3 = 3$

19. _____

20) $9 \times 1 = 9$

20. _____



Determine which property of multiplication 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. 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



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

Answers

- | | |
|---|-----------|
| 1) $7 \times 0 = 0 \times 7$ | 1. _____ |
| 2) $7 \times 4 = 4 \times 7$ | 2. _____ |
| 3) $5 \times (8 \times 4) = (5 \times 8) \times 4$ | 3. _____ |
| 4) $9 \times (5 + 10) = (9 \times 5) + (9 \times 10)$ | 4. _____ |
| 5) $1 \times 10 = 10$ | 5. _____ |
| 6) $10 \times 5 = 5 \times 10$ | 6. _____ |
| 7) $9 \times 1 = 9$ | 7. _____ |
| 8) $(7 \times 6) + (7 \times 5) = 7 \times (6 + 5)$ | 8. _____ |
| 9) $10 \times (7 \times 5) = (10 \times 7) \times 5$ | 9. _____ |
| 10) $3 \times (2 \times 5) = (3 \times 2) \times 5$ | 10. _____ |
| 11) $4 \times 1 = 4$ | 11. _____ |
| 12) $(10 \times 4) \times 1 = 10 \times (4 \times 1)$ | 12. _____ |
| 13) $1 \times 2 = 2$ | 13. _____ |
| 14) $(2 \times 7) + (2 \times 9) = 2 \times (7 + 9)$ | 14. _____ |
| 15) $8 \times 4 = 4 \times 8$ | 15. _____ |
| 16) $(0 \times 3) \times 1 = 0 \times (3 \times 1)$ | 16. _____ |
| 17) $7 \times 1 = 7$ | 17. _____ |
| 18) $10 \times (0 + 4) = (10 \times 0) + (10 \times 4)$ | 18. _____ |
| 19) $4 \times 9 = 9 \times 4$ | 19. _____ |
| 20) $6 \times (8 + 3) = (6 \times 8) + (6 \times 3)$ | 20. _____ |



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

- 1) $7 \times 0 = 0 \times 7$
- 2) $7 \times 4 = 4 \times 7$
- 3) $5 \times (8 \times 4) = (5 \times 8) \times 4$
- 4) $9 \times (5 + 10) = (9 \times 5) + (9 \times 10)$
- 5) $1 \times 10 = 10$
- 6) $10 \times 5 = 5 \times 10$
- 7) $9 \times 1 = 9$
- 8) $(7 \times 6) + (7 \times 5) = 7 \times (6 + 5)$
- 9) $10 \times (7 \times 5) = (10 \times 7) \times 5$
- 10) $3 \times (2 \times 5) = (3 \times 2) \times 5$
- 11) $4 \times 1 = 4$
- 12) $(10 \times 4) \times 1 = 10 \times (4 \times 1)$
- 13) $1 \times 2 = 2$
- 14) $(2 \times 7) + (2 \times 9) = 2 \times (7 + 9)$
- 15) $8 \times 4 = 4 \times 8$
- 16) $(0 \times 3) \times 1 = 0 \times (3 \times 1)$
- 17) $7 \times 1 = 7$
- 18) $10 \times (0 + 4) = (10 \times 0) + (10 \times 4)$
- 19) $4 \times 9 = 9 \times 4$
- 20) $6 \times (8 + 3) = (6 \times 8) + (6 \times 3)$

Answers

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



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

Answers

1) $6 \times 1 = 6$

1. _____

2) $3 \times (10 + 7) = (3 \times 10) + (3 \times 7)$

2. _____

3) $8 \times (9 + 7) = (8 \times 9) + (8 \times 7)$

3. _____

4) $4 \times (9 \times 7) = (4 \times 9) \times 7$

4. _____

5) $2 \times 8 = 8 \times 2$

5. _____

6) $6 \times (8 + 10) = (6 \times 8) + (6 \times 10)$

6. _____

7) $1 \times 1 = 1$

7. _____

8) $3 \times (10 \times 2) = (3 \times 10) \times 2$

8. _____

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

9. _____

10) $3 \times 9 = 9 \times 3$

10. _____

11) $1 \times 1 = 1$

11. _____

12) $0 \times (4 \times 3) = (0 \times 4) \times 3$

12. _____

13) $(5 \times 10) + (5 \times 9) = 5 \times (10 + 9)$

13. _____

14) $(6 \times 10) \times 2 = 6 \times (10 \times 2)$

14. _____

15) $(3 \times 0) + (3 \times 9) = 3 \times (0 + 9)$

15. _____

16) $1 \times 9 = 9$

16. _____

17) $6 \times 8 = 8 \times 6$

17. _____

18) $1 \times 9 = 9$

18. _____

19) $(5 \times 4) \times 3 = 5 \times (4 \times 3)$

19. _____

20) $10 \times 2 = 2 \times 10$

20. _____



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

- 1) $6 \times 1 = 6$
- 2) $3 \times (10 + 7) = (3 \times 10) + (3 \times 7)$
- 3) $8 \times (9 + 7) = (8 \times 9) + (8 \times 7)$
- 4) $4 \times (9 \times 7) = (4 \times 9) \times 7$
- 5) $2 \times 8 = 8 \times 2$
- 6) $6 \times (8 + 10) = (6 \times 8) + (6 \times 10)$
- 7) $1 \times 1 = 1$
- 8) $3 \times (10 \times 2) = (3 \times 10) \times 2$
- 9) $7 \times 0 = 0 \times 7$
- 10) $3 \times 9 = 9 \times 3$
- 11) $1 \times 1 = 1$
- 12) $0 \times (4 \times 3) = (0 \times 4) \times 3$
- 13) $(5 \times 10) + (5 \times 9) = 5 \times (10 + 9)$
- 14) $(6 \times 10) \times 2 = 6 \times (10 \times 2)$
- 15) $(3 \times 0) + (3 \times 9) = 3 \times (0 + 9)$
- 16) $1 \times 9 = 9$
- 17) $6 \times 8 = 8 \times 6$
- 18) $1 \times 9 = 9$
- 19) $(5 \times 4) \times 3 = 5 \times (4 \times 3)$
- 20) $10 \times 2 = 2 \times 10$

Answers

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



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

Answers

1) $6 \times 2 = 2 \times 6$

1. _____

2) $1 \times 3 = 3 \times 1$

2. _____

3) $1 \times (2 \times 8) = (1 \times 2) \times 8$

3. _____

4) $5 \times 3 = 3 \times 5$

4. _____

5) $7 \times (2 \times 0) = (7 \times 2) \times 0$

5. _____

6) $1 \times 1 = 1$

6. _____

7) $1 \times (10 + 6) = (1 \times 10) + (1 \times 6)$

7. _____

8) $8 \times 1 = 8$

8. _____

9) $(4 \times 10) + (4 \times 6) = 4 \times (10 + 6)$

9. _____

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

10. _____

11) $0 \times 1 = 0$

11. _____

12) $7 \times (2 \times 8) = (7 \times 2) \times 8$

12. _____

13) $4 \times 1 = 4$

13. _____

14) $4 \times 7 = 7 \times 4$

14. _____

15) $5 \times (8 + 2) = (5 \times 8) + (5 \times 2)$

15. _____

16) $8 \times (0 + 2) = (8 \times 0) + (8 \times 2)$

16. _____

17) $7 \times (9 \times 3) = (7 \times 9) \times 3$

17. _____

18) $7 \times 9 = 9 \times 7$

18. _____

19) $1 \times 5 = 5$

19. _____

20) $4 \times (6 \times 7) = (4 \times 6) \times 7$

20. _____



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

- 1) $6 \times 2 = 2 \times 6$
- 2) $1 \times 3 = 3 \times 1$
- 3) $1 \times (2 \times 8) = (1 \times 2) \times 8$
- 4) $5 \times 3 = 3 \times 5$
- 5) $7 \times (2 \times 0) = (7 \times 2) \times 0$
- 6) $1 \times 1 = 1$
- 7) $1 \times (10 + 6) = (1 \times 10) + (1 \times 6)$
- 8) $8 \times 1 = 8$
- 9) $(4 \times 10) + (4 \times 6) = 4 \times (10 + 6)$
- 10) $4 \times (10 + 7) = (4 \times 10) + (4 \times 7)$
- 11) $0 \times 1 = 0$
- 12) $7 \times (2 \times 8) = (7 \times 2) \times 8$
- 13) $4 \times 1 = 4$
- 14) $4 \times 7 = 7 \times 4$
- 15) $5 \times (8 + 2) = (5 \times 8) + (5 \times 2)$
- 16) $8 \times (0 + 2) = (8 \times 0) + (8 \times 2)$
- 17) $7 \times (9 \times 3) = (7 \times 9) \times 3$
- 18) $7 \times 9 = 9 \times 7$
- 19) $1 \times 5 = 5$
- 20) $4 \times (6 \times 7) = (4 \times 6) \times 7$

Answers

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



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

Answers

1) $0 \times 4 = 4 \times 0$

1. _____

2) $9 \times 7 = 7 \times 9$

2. _____

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

3. _____

4) $10 \times 1 = 10$

4. _____

5) $7 \times (0 \times 4) = (7 \times 0) \times 4$

5. _____

6) $(4 \times 0) \times 7 = 4 \times (0 \times 7)$

6. _____

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

7. _____

8) $3 \times 9 = 9 \times 3$

8. _____

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

9. _____

10) $1 \times 8 = 8$

10. _____

11) $1 \times 2 = 2$

11. _____

12) $5 \times 1 = 5$

12. _____

13) $7 \times (1 \times 0) = (7 \times 1) \times 0$

13. _____

14) $(2 \times 4) + (2 \times 5) = 2 \times (4 + 5)$

14. _____

15) $(0 \times 8) + (0 \times 6) = 0 \times (8 + 6)$

15. _____

16) $(1 \times 3) + (1 \times 6) = 1 \times (3 + 6)$

16. _____

17) $(6 \times 1) + (6 \times 5) = 6 \times (1 + 5)$

17. _____

18) $1 \times 9 = 9$

18. _____

19) $(7 \times 3) \times 2 = 7 \times (3 \times 2)$

19. _____

20) $(5 \times 7) + (5 \times 0) = 5 \times (7 + 0)$

20. _____



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

- 1) $0 \times 4 = 4 \times 0$
- 2) $9 \times 7 = 7 \times 9$
- 3) $6 \times 3 = 3 \times 6$
- 4) $10 \times 1 = 10$
- 5) $7 \times (0 \times 4) = (7 \times 0) \times 4$
- 6) $(4 \times 0) \times 7 = 4 \times (0 \times 7)$
- 7) $1 \times 3 = 3 \times 1$
- 8) $3 \times 9 = 9 \times 3$
- 9) $10 \times (5 \times 1) = (10 \times 5) \times 1$
- 10) $1 \times 8 = 8$
- 11) $1 \times 2 = 2$
- 12) $5 \times 1 = 5$
- 13) $7 \times (1 \times 0) = (7 \times 1) \times 0$
- 14) $(2 \times 4) + (2 \times 5) = 2 \times (4 + 5)$
- 15) $(0 \times 8) + (0 \times 6) = 0 \times (8 + 6)$
- 16) $(1 \times 3) + (1 \times 6) = 1 \times (3 + 6)$
- 17) $(6 \times 1) + (6 \times 5) = 6 \times (1 + 5)$
- 18) $1 \times 9 = 9$
- 19) $(7 \times 3) \times 2 = 7 \times (3 \times 2)$
- 20) $(5 \times 7) + (5 \times 0) = 5 \times (7 + 0)$

Answers

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



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

Answers

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

1. _____

2) $2 \times 1 = 2$

2. _____

3) $(0 \times 1) + (0 \times 8) = 0 \times (1 + 8)$

3. _____

4) $(3 \times 9) + (3 \times 10) = 3 \times (9 + 10)$

4. _____

5) $0 \times (10 + 3) = (0 \times 10) + (0 \times 3)$

5. _____

6) $1 \times 2 = 2$

6. _____

7) $(0 \times 5) \times 1 = 0 \times (5 \times 1)$

7. _____

8) $1 \times 0 = 0$

8. _____

9) $9 \times 7 = 7 \times 9$

9. _____

10) $7 \times 6 = 6 \times 7$

10. _____

11) $(8 \times 0) + (8 \times 7) = 8 \times (0 + 7)$

11. _____

12) $(8 \times 9) \times 4 = 8 \times (9 \times 4)$

12. _____

13) $4 \times (3 \times 7) = (4 \times 3) \times 7$

13. _____

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

14. _____

15) $5 \times (1 \times 8) = (5 \times 1) \times 8$

15. _____

16) $1 \times (10 + 2) = (1 \times 10) + (1 \times 2)$

16. _____

17) $1 \times 6 = 6$

17. _____

18) $1 \times 4 = 4$

18. _____

19) $(4 \times 2) \times 3 = 4 \times (2 \times 3)$

19. _____

20) $7 \times 2 = 2 \times 7$

20. _____



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

- 1) $8 \times 1 = 1 \times 8$
- 2) $2 \times 1 = 2$
- 3) $(0 \times 1) + (0 \times 8) = 0 \times (1 + 8)$
- 4) $(3 \times 9) + (3 \times 10) = 3 \times (9 + 10)$
- 5) $0 \times (10 + 3) = (0 \times 10) + (0 \times 3)$
- 6) $1 \times 2 = 2$
- 7) $(0 \times 5) \times 1 = 0 \times (5 \times 1)$
- 8) $1 \times 0 = 0$
- 9) $9 \times 7 = 7 \times 9$
- 10) $7 \times 6 = 6 \times 7$
- 11) $(8 \times 0) + (8 \times 7) = 8 \times (0 + 7)$
- 12) $(8 \times 9) \times 4 = 8 \times (9 \times 4)$
- 13) $4 \times (3 \times 7) = (4 \times 3) \times 7$
- 14) $6 \times 0 = 0 \times 6$
- 15) $5 \times (1 \times 8) = (5 \times 1) \times 8$
- 16) $1 \times (10 + 2) = (1 \times 10) + (1 \times 2)$
- 17) $1 \times 6 = 6$
- 18) $1 \times 4 = 4$
- 19) $(4 \times 2) \times 3 = 4 \times (2 \times 3)$
- 20) $7 \times 2 = 2 \times 7$

Answers

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



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

Answers

1) $3 \times (5 + 8) = (3 \times 5) + (3 \times 8)$

1. _____

2) $1 \times 6 = 6$

2. _____

3) $(4 \times 9) + (4 \times 1) = 4 \times (9 + 1)$

3. _____

4) $(3 \times 10) \times 8 = 3 \times (10 \times 8)$

4. _____

5) $1 \times 0 = 0 \times 1$

5. _____

6) $1 \times 1 = 1$

6. _____

7) $7 \times 0 = 0 \times 7$

7. _____

8) $1 \times 10 = 10$

8. _____

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

9. _____

10) $1 \times 6 = 6$

10. _____

11) $4 \times 9 = 9 \times 4$

11. _____

12) $(10 \times 1) \times 8 = 10 \times (1 \times 8)$

12. _____

13) $3 \times 1 = 3$

13. _____

14) $(8 \times 2) \times 9 = 8 \times (2 \times 9)$

14. _____

15) $5 \times (6 \times 4) = (5 \times 6) \times 4$

15. _____

16) $(2 \times 7) \times 3 = 2 \times (7 \times 3)$

16. _____

17) $0 \times (9 + 4) = (0 \times 9) + (0 \times 4)$

17. _____

18) $(9 \times 8) + (9 \times 7) = 9 \times (8 + 7)$

18. _____

19) $3 \times (5 + 7) = (3 \times 5) + (3 \times 7)$

19. _____

20) $0 \times 4 = 4 \times 0$

20. _____



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

1) $3 \times (5 + 8) = (3 \times 5) + (3 \times 8)$

2) $1 \times 6 = 6$

3) $(4 \times 9) + (4 \times 1) = 4 \times (9 + 1)$

4) $(3 \times 10) \times 8 = 3 \times (10 \times 8)$

5) $1 \times 0 = 0 \times 1$

6) $1 \times 1 = 1$

7) $7 \times 0 = 0 \times 7$

8) $1 \times 10 = 10$

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

10) $1 \times 6 = 6$

11) $4 \times 9 = 9 \times 4$

12) $(10 \times 1) \times 8 = 10 \times (1 \times 8)$

13) $3 \times 1 = 3$

14) $(8 \times 2) \times 9 = 8 \times (2 \times 9)$

15) $5 \times (6 \times 4) = (5 \times 6) \times 4$

16) $(2 \times 7) \times 3 = 2 \times (7 \times 3)$

17) $0 \times (9 + 4) = (0 \times 9) + (0 \times 4)$

18) $(9 \times 8) + (9 \times 7) = 9 \times (8 + 7)$

19) $3 \times (5 + 7) = (3 \times 5) + (3 \times 7)$

20) $0 \times 4 = 4 \times 0$

Answers

1. distributive

2. identity

3. distributive

4. associative

5. commutative

6. identity

7. commutative

8. identity

9. commutative

10. identity

11. commutative

12. associative

13. identity

14. associative

15. associative

16. associative

17. distributive

18. distributive

19. distributive

20. commutative



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

Answers

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

1. _____

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

2. _____

3) $1 \times 5 = 5$

3. _____

4) $1 \times 0 = 0$

4. _____

5) $1 \times 1 = 1$

5. _____

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

6. _____

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

7. _____

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

8. _____

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

9. _____

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

10. _____

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

11. _____

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

12. _____

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

13. _____

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

14. _____

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

15. _____

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

16. _____

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

17. _____

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

18. _____

19) $9 \times 1 = 9$

19. _____

20) $1 \times 10 = 10$

20. _____



Determine which property of multiplication 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. 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



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

Answers

- | | |
|---|-----------|
| 1) $10 \times 5 = 5 \times 10$ | 1. _____ |
| 2) $1 \times 5 = 5$ | 2. _____ |
| 3) $1 \times (2 \times 9) = (1 \times 2) \times 9$ | 3. _____ |
| 4) $4 \times 7 = 7 \times 4$ | 4. _____ |
| 5) $1 \times 9 = 9$ | 5. _____ |
| 6) $4 \times 1 = 4$ | 6. _____ |
| 7) $(1 \times 4) + (1 \times 9) = 1 \times (4 + 9)$ | 7. _____ |
| 8) $10 \times 1 = 10$ | 8. _____ |
| 9) $(6 \times 10) + (6 \times 5) = 6 \times (10 + 5)$ | 9. _____ |
| 10) $6 \times 2 = 2 \times 6$ | 10. _____ |
| 11) $(4 \times 3) + (4 \times 8) = 4 \times (3 + 8)$ | 11. _____ |
| 12) $3 \times 1 = 1 \times 3$ | 12. _____ |
| 13) $0 \times (9 + 6) = (0 \times 9) + (0 \times 6)$ | 13. _____ |
| 14) $10 \times 2 = 2 \times 10$ | 14. _____ |
| 15) $1 \times (4 \times 3) = (1 \times 4) \times 3$ | 15. _____ |
| 16) $1 \times (4 \times 7) = (1 \times 4) \times 7$ | 16. _____ |
| 17) $1 \times 5 = 5$ | 17. _____ |
| 18) $10 \times (4 + 0) = (10 \times 4) + (10 \times 0)$ | 18. _____ |
| 19) $3 \times (5 \times 8) = (3 \times 5) \times 8$ | 19. _____ |
| 20) $2 \times (4 \times 0) = (2 \times 4) \times 0$ | 20. _____ |



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

- 1) $10 \times 5 = 5 \times 10$
- 2) $1 \times 5 = 5$
- 3) $1 \times (2 \times 9) = (1 \times 2) \times 9$
- 4) $4 \times 7 = 7 \times 4$
- 5) $1 \times 9 = 9$
- 6) $4 \times 1 = 4$
- 7) $(1 \times 4) + (1 \times 9) = 1 \times (4 + 9)$
- 8) $10 \times 1 = 10$
- 9) $(6 \times 10) + (6 \times 5) = 6 \times (10 + 5)$
- 10) $6 \times 2 = 2 \times 6$
- 11) $(4 \times 3) + (4 \times 8) = 4 \times (3 + 8)$
- 12) $3 \times 1 = 1 \times 3$
- 13) $0 \times (9 + 6) = (0 \times 9) + (0 \times 6)$
- 14) $10 \times 2 = 2 \times 10$
- 15) $1 \times (4 \times 3) = (1 \times 4) \times 3$
- 16) $1 \times (4 \times 7) = (1 \times 4) \times 7$
- 17) $1 \times 5 = 5$
- 18) $10 \times (4 + 0) = (10 \times 4) + (10 \times 0)$
- 19) $3 \times (5 \times 8) = (3 \times 5) \times 8$
- 20) $2 \times (4 \times 0) = (2 \times 4) \times 0$

Answers

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



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

Answers

- | | |
|---|-----------|
| 1) $0 \times 10 = 10 \times 0$ | 1. _____ |
| 2) $(6 \times 7) + (6 \times 2) = 6 \times (7 + 2)$ | 2. _____ |
| 3) $2 \times (6 + 8) = (2 \times 6) + (2 \times 8)$ | 3. _____ |
| 4) $1 \times 7 = 7$ | 4. _____ |
| 5) $1 \times 5 = 5$ | 5. _____ |
| 6) $9 \times (1 \times 0) = (9 \times 1) \times 0$ | 6. _____ |
| 7) $9 \times 1 = 9$ | 7. _____ |
| 8) $3 \times 5 = 5 \times 3$ | 8. _____ |
| 9) $2 \times (8 \times 3) = (2 \times 8) \times 3$ | 9. _____ |
| 10) $5 \times (2 \times 9) = (5 \times 2) \times 9$ | 10. _____ |
| 11) $1 \times 8 = 8$ | 11. _____ |
| 12) $(10 \times 8) + (10 \times 4) = 10 \times (8 + 4)$ | 12. _____ |
| 13) $7 \times (1 \times 8) = (7 \times 1) \times 8$ | 13. _____ |
| 14) $9 \times (7 + 1) = (9 \times 7) + (9 \times 1)$ | 14. _____ |
| 15) $1 \times 10 = 10$ | 15. _____ |
| 16) $2 \times 9 = 9 \times 2$ | 16. _____ |
| 17) $5 \times (6 + 2) = (5 \times 6) + (5 \times 2)$ | 17. _____ |
| 18) $6 \times 2 = 2 \times 6$ | 18. _____ |
| 19) $4 \times 2 = 2 \times 4$ | 19. _____ |
| 20) $(0 \times 4) \times 7 = 0 \times (4 \times 7)$ | 20. _____ |



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

- 1) $0 \times 10 = 10 \times 0$
- 2) $(6 \times 7) + (6 \times 2) = 6 \times (7 + 2)$
- 3) $2 \times (6 + 8) = (2 \times 6) + (2 \times 8)$
- 4) $1 \times 7 = 7$
- 5) $1 \times 5 = 5$
- 6) $9 \times (1 \times 0) = (9 \times 1) \times 0$
- 7) $9 \times 1 = 9$
- 8) $3 \times 5 = 5 \times 3$
- 9) $2 \times (8 \times 3) = (2 \times 8) \times 3$
- 10) $5 \times (2 \times 9) = (5 \times 2) \times 9$
- 11) $1 \times 8 = 8$
- 12) $(10 \times 8) + (10 \times 4) = 10 \times (8 + 4)$
- 13) $7 \times (1 \times 8) = (7 \times 1) \times 8$
- 14) $9 \times (7 + 1) = (9 \times 7) + (9 \times 1)$
- 15) $1 \times 10 = 10$
- 16) $2 \times 9 = 9 \times 2$
- 17) $5 \times (6 + 2) = (5 \times 6) + (5 \times 2)$
- 18) $6 \times 2 = 2 \times 6$
- 19) $4 \times 2 = 2 \times 4$
- 20) $(0 \times 4) \times 7 = 0 \times (4 \times 7)$

Answers

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