



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) $6 \times 1 = 6$

19. _____

20) $9 \times 1 = 9$

20. _____



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

Answers

- | | |
|--|-------------------------|
| 1) $7 \times 2 = 2 \times 7$ | 1. <u>commutative</u> |
| 2) $2 \times 7 = 7 \times 2$ | 2. <u>commutative</u> |
| 3) $8 \times 2 = 2 \times 8$ | 3. <u>commutative</u> |
| 4) $5 \times 1 = 5$ | 4. <u>identity</u> |
| 5) $1 \times 3 = 3$ | 5. <u>identity</u> |
| 6) $7 \times (3 \times 9) = (7 \times 3) \times 9$ | 6. <u>associative</u> |
| 7) $6 \times (5 \times 4) = (6 \times 5) \times 4$ | 7. <u>associative</u> |
| 8) $(2 \times 6) + (2 \times 0) = 2 \times (6 + 0)$ | 8. <u>distributive</u> |
| 9) $(10 \times 6) + (10 \times 1) = 10 \times (6 + 1)$ | 9. <u>distributive</u> |
| 10) $10 \times 1 = 1 \times 10$ | 10. <u>commutative</u> |
| 11) $(7 \times 5) + (7 \times 4) = 7 \times (5 + 4)$ | 11. <u>distributive</u> |
| 12) $5 \times (4 \times 9) = (5 \times 4) \times 9$ | 12. <u>associative</u> |
| 13) $8 \times (5 \times 10) = (8 \times 5) \times 10$ | 13. <u>associative</u> |
| 14) $4 \times (0 \times 10) = (4 \times 0) \times 10$ | 14. <u>associative</u> |
| 15) $1 \times 9 = 9$ | 15. <u>identity</u> |
| 16) $1 \times (2 + 9) = (1 \times 2) + (1 \times 9)$ | 16. <u>distributive</u> |
| 17) $0 \times 4 = 4 \times 0$ | 17. <u>commutative</u> |
| 18) $7 \times (10 + 5) = (7 \times 10) + (7 \times 5)$ | 18. <u>distributive</u> |
| 19) $6 \times 1 = 6$ | 19. <u>identity</u> |
| 20) $9 \times 1 = 9$ | 20. <u>identity</u> |



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).

Answers

- | | |
|---|-------------------------|
| 1) $7 \times 0 = 0 \times 7$ | 1. <u>commutative</u> |
| 2) $7 \times 4 = 4 \times 7$ | 2. <u>commutative</u> |
| 3) $5 \times (8 \times 4) = (5 \times 8) \times 4$ | 3. <u>associative</u> |
| 4) $9 \times (5 + 10) = (9 \times 5) + (9 \times 10)$ | 4. <u>distributive</u> |
| 5) $1 \times 10 = 10$ | 5. <u>identity</u> |
| 6) $10 \times 5 = 5 \times 10$ | 6. <u>commutative</u> |
| 7) $9 \times 1 = 9$ | 7. <u>identity</u> |
| 8) $(7 \times 6) + (7 \times 5) = 7 \times (6 + 5)$ | 8. <u>distributive</u> |
| 9) $10 \times (7 \times 5) = (10 \times 7) \times 5$ | 9. <u>associative</u> |
| 10) $3 \times (2 \times 5) = (3 \times 2) \times 5$ | 10. <u>associative</u> |
| 11) $4 \times 1 = 4$ | 11. <u>identity</u> |
| 12) $(10 \times 4) \times 1 = 10 \times (4 \times 1)$ | 12. <u>associative</u> |
| 13) $1 \times 2 = 2$ | 13. <u>identity</u> |
| 14) $(2 \times 7) + (2 \times 9) = 2 \times (7 + 9)$ | 14. <u>distributive</u> |
| 15) $8 \times 4 = 4 \times 8$ | 15. <u>commutative</u> |
| 16) $(0 \times 3) \times 1 = 0 \times (3 \times 1)$ | 16. <u>associative</u> |
| 17) $7 \times 1 = 7$ | 17. <u>identity</u> |
| 18) $10 \times (0 + 4) = (10 \times 0) + (10 \times 4)$ | 18. <u>distributive</u> |
| 19) $4 \times 9 = 9 \times 4$ | 19. <u>commutative</u> |
| 20) $6 \times (8 + 3) = (6 \times 8) + (6 \times 3)$ | 20. <u>distributive</u> |



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) $2 \times 1 = 2$

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) $1 \times 7 = 7$

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).

Answers

- | | |
|--|-------------------------|
| 1) $6 \times 1 = 6$ | 1. <u>identity</u> |
| 2) $3 \times (10 + 7) = (3 \times 10) + (3 \times 7)$ | 2. <u>distributive</u> |
| 3) $8 \times (9 + 7) = (8 \times 9) + (8 \times 7)$ | 3. <u>distributive</u> |
| 4) $4 \times (9 \times 7) = (4 \times 9) \times 7$ | 4. <u>associative</u> |
| 5) $2 \times 8 = 8 \times 2$ | 5. <u>commutative</u> |
| 6) $6 \times (8 + 10) = (6 \times 8) + (6 \times 10)$ | 6. <u>distributive</u> |
| 7) $1 \times 1 = 1$ | 7. <u>identity</u> |
| 8) $3 \times (10 \times 2) = (3 \times 10) \times 2$ | 8. <u>associative</u> |
| 9) $7 \times 0 = 0 \times 7$ | 9. <u>commutative</u> |
| 10) $3 \times 9 = 9 \times 3$ | 10. <u>commutative</u> |
| 11) $2 \times 1 = 2$ | 11. <u>identity</u> |
| 12) $0 \times (4 \times 3) = (0 \times 4) \times 3$ | 12. <u>associative</u> |
| 13) $(5 \times 10) + (5 \times 9) = 5 \times (10 + 9)$ | 13. <u>distributive</u> |
| 14) $(6 \times 10) \times 2 = 6 \times (10 \times 2)$ | 14. <u>associative</u> |
| 15) $(3 \times 0) + (3 \times 9) = 3 \times (0 + 9)$ | 15. <u>distributive</u> |
| 16) $1 \times 9 = 9$ | 16. <u>identity</u> |
| 17) $6 \times 8 = 8 \times 6$ | 17. <u>commutative</u> |
| 18) $1 \times 7 = 7$ | 18. <u>identity</u> |
| 19) $(5 \times 4) \times 3 = 5 \times (4 \times 3)$ | 19. <u>associative</u> |
| 20) $10 \times 2 = 2 \times 10$ | 20. <u>commutative</u> |



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).

Answers

- | | |
|--|-------------------------|
| 1) $6 \times 2 = 2 \times 6$ | 1. <u>commutative</u> |
| 2) $1 \times 3 = 3 \times 1$ | 2. <u>commutative</u> |
| 3) $1 \times (2 \times 8) = (1 \times 2) \times 8$ | 3. <u>associative</u> |
| 4) $5 \times 3 = 3 \times 5$ | 4. <u>commutative</u> |
| 5) $7 \times (2 \times 0) = (7 \times 2) \times 0$ | 5. <u>associative</u> |
| 6) $1 \times 1 = 1$ | 6. <u>identity</u> |
| 7) $1 \times (10 + 6) = (1 \times 10) + (1 \times 6)$ | 7. <u>distributive</u> |
| 8) $8 \times 1 = 8$ | 8. <u>identity</u> |
| 9) $(4 \times 10) + (4 \times 6) = 4 \times (10 + 6)$ | 9. <u>distributive</u> |
| 10) $4 \times (10 + 7) = (4 \times 10) + (4 \times 7)$ | 10. <u>distributive</u> |
| 11) $0 \times 1 = 0$ | 11. <u>identity</u> |
| 12) $7 \times (2 \times 8) = (7 \times 2) \times 8$ | 12. <u>associative</u> |
| 13) $4 \times 1 = 4$ | 13. <u>identity</u> |
| 14) $4 \times 7 = 7 \times 4$ | 14. <u>commutative</u> |
| 15) $5 \times (8 + 2) = (5 \times 8) + (5 \times 2)$ | 15. <u>distributive</u> |
| 16) $8 \times (0 + 2) = (8 \times 0) + (8 \times 2)$ | 16. <u>distributive</u> |
| 17) $7 \times (9 \times 3) = (7 \times 9) \times 3$ | 17. <u>associative</u> |
| 18) $7 \times 9 = 9 \times 7$ | 18. <u>commutative</u> |
| 19) $1 \times 5 = 5$ | 19. <u>identity</u> |
| 20) $4 \times (6 \times 7) = (4 \times 6) \times 7$ | 20. <u>associative</u> |



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).

Answers

1) $0 \times 4 = 4 \times 0$	1. <u>commutative</u>
2) $9 \times 7 = 7 \times 9$	2. <u>commutative</u>
3) $6 \times 3 = 3 \times 6$	3. <u>commutative</u>
4) $10 \times 1 = 10$	4. <u>identity</u>
5) $7 \times (0 \times 4) = (7 \times 0) \times 4$	5. <u>associative</u>
6) $(4 \times 0) \times 7 = 4 \times (0 \times 7)$	6. <u>associative</u>
7) $1 \times 3 = 3 \times 1$	7. <u>commutative</u>
8) $3 \times 9 = 9 \times 3$	8. <u>commutative</u>
9) $10 \times (5 \times 1) = (10 \times 5) \times 1$	9. <u>associative</u>
10) $1 \times 8 = 8$	10. <u>identity</u>
11) $1 \times 2 = 2$	11. <u>identity</u>
12) $5 \times 1 = 5$	12. <u>identity</u>
13) $7 \times (1 \times 0) = (7 \times 1) \times 0$	13. <u>associative</u>
14) $(2 \times 4) + (2 \times 5) = 2 \times (4 + 5)$	14. <u>distributive</u>
15) $(0 \times 8) + (0 \times 6) = 0 \times (8 + 6)$	15. <u>distributive</u>
16) $(1 \times 3) + (1 \times 6) = 1 \times (3 + 6)$	16. <u>distributive</u>
17) $(6 \times 1) + (6 \times 5) = 6 \times (1 + 5)$	17. <u>distributive</u>
18) $1 \times 9 = 9$	18. <u>identity</u>
19) $(7 \times 3) \times 2 = 7 \times (3 \times 2)$	19. <u>associative</u>
20) $(5 \times 7) + (5 \times 0) = 5 \times (7 + 0)$	20. <u>distributive</u>



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).

Answers

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

1. commutative

2) $2 \times 1 = 2$

2. identity

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

3. distributive

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

4. distributive

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

5. distributive

6) $1 \times 2 = 2$

6. identity

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

7. associative

8) $1 \times 0 = 0$

8. identity

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

9. commutative

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

10. commutative

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

11. distributive

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

12. associative

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

13. associative

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

14. commutative

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

15. associative

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

16. distributive

17) $1 \times 6 = 6$

17. identity

18) $1 \times 4 = 4$

18. identity

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

19. associative

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

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) $6 \times 1 = 6$

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) $6 \times 1 = 6$

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

Answers1. **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) $3 \times 1 = 3$ | 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).

Answers

- | | |
|---|-------------------------|
| 1) $10 \times 5 = 5 \times 10$ | 1. <u>commutative</u> |
| 2) $1 \times 5 = 5$ | 2. <u>identity</u> |
| 3) $1 \times (2 \times 9) = (1 \times 2) \times 9$ | 3. <u>associative</u> |
| 4) $4 \times 7 = 7 \times 4$ | 4. <u>commutative</u> |
| 5) $1 \times 9 = 9$ | 5. <u>identity</u> |
| 6) $4 \times 1 = 4$ | 6. <u>identity</u> |
| 7) $(1 \times 4) + (1 \times 9) = 1 \times (4 + 9)$ | 7. <u>distributive</u> |
| 8) $10 \times 1 = 10$ | 8. <u>identity</u> |
| 9) $(6 \times 10) + (6 \times 5) = 6 \times (10 + 5)$ | 9. <u>distributive</u> |
| 10) $6 \times 2 = 2 \times 6$ | 10. <u>commutative</u> |
| 11) $(4 \times 3) + (4 \times 8) = 4 \times (3 + 8)$ | 11. <u>distributive</u> |
| 12) $3 \times 1 = 1 \times 3$ | 12. <u>commutative</u> |
| 13) $0 \times (9 + 6) = (0 \times 9) + (0 \times 6)$ | 13. <u>distributive</u> |
| 14) $10 \times 2 = 2 \times 10$ | 14. <u>commutative</u> |
| 15) $1 \times (4 \times 3) = (1 \times 4) \times 3$ | 15. <u>associative</u> |
| 16) $1 \times (4 \times 7) = (1 \times 4) \times 7$ | 16. <u>associative</u> |
| 17) $3 \times 1 = 3$ | 17. <u>identity</u> |
| 18) $10 \times (4 + 0) = (10 \times 4) + (10 \times 0)$ | 18. <u>distributive</u> |
| 19) $3 \times (5 \times 8) = (3 \times 5) \times 8$ | 19. <u>associative</u> |
| 20) $2 \times (4 \times 0) = (2 \times 4) \times 0$ | 20. <u>associative</u> |



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

Answers

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

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