Das Identitätsgesetz der Multiplikation

Name:

Stelle fest, welche Auswahl am besten das Identitätsgesetz der Multiplikation darstellt.

1) A. (10 • 5) • 2 = 10 • (5 • 2)
B. 10 • 5 = 5 • 10
C. 10 • 1 = 10
D. (10 • 5) + (10 × 2) = 10 • (5 + 2)

2) A. 5 • (0 • 10) = (5 • 0) • 10
B. 5 • 0 = 0 • 5
C. 5 • (0 + 10) = (5 • 0) + (5 • 10)
D. 1 • 5 = 5

3) A. 1 • 1 = 1
B. 1 • (2 • 9) = (1 • 2) • 9
C. 1 • 2 = 2 • 1
D. 1 • (2 + 9) = (1 • 2) + (1 • 9)

4) A. 7 • 4 = 4 • 7
B. 7 • 1 = 7
C. (7 • 4) • 0 = 7 • (4 • 0)
D. (7 • 4) + (7 × 0) = 7 • (4 + 0)

5) A. 3 • 9 = 9 • 3
B. 3 • (9 • 4) = (3 • 9) • 4
C. 3 • (9 + 4) = (3 • 9) + (3 • 4)
D. 1 • 3 = 3

6) A. 3 • 1 = 3
B. 3 • 4 = 4 • 3
C. (3 • 4) + (3 × 6) = 3 • (4 + 6)
D. (3 • 4) • 6 = 3 • (4 • 6)

7) A. (9 • 4) + (9 × 1) = 9 • (4 + 1)
B. 9 • 4 = 4 • 9
C. (9 • 4) • 1 = 9 • (4 • 1)
D. 9 • 1 = 9

8) A. 10 • 1 = 10
B. (10 • 6) • 4 = 10 • (6 • 4)
C. 10 • 6 = 6 • 10
D. (10 • 6) + (10 × 4) = 10 • (6 + 4)

9) A. 10 • 1 = 10
B. 10 • 6 = 6 • 10
C. (10 • 6) • 5 = 10 • (6 • 5)
D. (10 • 6) + (10 × 5) = 10 • (6 + 5)

10) A. 7 • (2 + 6) = (7 • 2) + (7 • 6)
B. 1 • 7 = 7
C. 7 • 2 = 2 • 7
D. 7 • (2 • 6) = (7 • 2) • 6

11) A. (4 • 3) • 8 = 4 • (3 • 8)
B. 4 • 1 = 4
C. 4 • 3 = 3 • 4
D. (4 • 3) + (4 × 8) = 4 • (3 + 8)

12) A. 10 • 3 = 3 • 10
B. 10 • (3 + 1) = (10 • 3) + (10 • 1)
C. 1 • 10 = 10
D. 10 • (3 • 1) = (10 • 3) • 1

Antworten

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Das Identitätsgesetz der Multiplikation Name: **Lösungsschlüssel**

Stelle fest, welche Auswahl am besten das Identitätsgesetz der Multiplikation darstellt.

1) A. (10 • 5) • 2 = 10 • (5 • 2)
B. 10 • 5 = 5 • 10
C. 10 • 1 = 10
D. (10 • 5) + (10 × 2) = 10 • (5 + 2)

2) A. 5 • (0 • 10) = (5 • 0) • 10
B. 5 • 0 = 0 • 5
C. 5 • (0 + 10) = (5 • 0) + (5 • 10)
D. 1 • 5 = 5

3) A. 1 • 1 = 1
B. 1 • (2 • 9) = (1 • 2) • 9
C. 1 • 2 = 2 • 1
D. 1 • (2 + 9) = (1 • 2) + (1 • 9)

4) A. 7 • 4 = 4 • 7
B. 7 • 1 = 7
C. (7 • 4) • 0 = 7 • (4 • 0)
D. (7 • 4) + (7 × 0) = 7 • (4 + 0)

5) A. 3 • 9 = 9 • 3
B. 3 • (9 • 4) = (3 • 9) • 4
C. 3 • (9 + 4) = (3 • 9) + (3 • 4)
D. 1 • 3 = 3

6) A. 3 • 1 = 3
B. 3 • 4 = 4 • 3
C. (3 • 4) + (3 × 6) = 3 • (4 + 6)
D. (3 • 4) • 6 = 3 • (4 • 6)

7) A. (9 • 4) + (9 × 1) = 9 • (4 + 1)
B. 9 • 4 = 4 • 9
C. (9 • 4) • 1 = 9 • (4 • 1)
D. 9 • 1 = 9

8) A. 10 • 1 = 10
B. (10 • 6) • 4 = 10 • (6 • 4)
C. 10 • 6 = 6 • 10
D. (10 • 6) + (10 × 4) = 10 • (6 + 4)

9) A. 10 • 1 = 10
B. 10 • 6 = 6 • 10
C. (10 • 6) • 5 = 10 • (6 • 5)
D. (10 • 6) + (10 × 5) = 10 • (6 + 5)

10) A. 7 • (2 + 6) = (7 • 2) + (7 • 6)
B. 1 • 7 = 7
C. 7 • 2 = 2 • 7
D. 7 • (2 • 6) = (7 • 2) • 6

11) A. (4 • 3) • 8 = 4 • (3 • 8)
B. 4 • 1 = 4
C. 4 • 3 = 3 • 4
D. (4 • 3) + (4 × 8) = 4 • (3 + 8)

12) A. 10 • 3 = 3 • 10
B. 10 • (3 + 1) = (10 • 3) + (10 • 1)
C. 1 • 10 = 10
D. 10 • (3 • 1) = (10 • 3) • 1

Antworten

1. C
2. D
3. A
4. B
5. D
6. A
7. D
8. A
9. A
10. B
11. B
12. C

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								