Das Distributivgesetz (Multiplikation)

Name:

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

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

2) A. (6 • 0) + (6 × 8) = 6 • (0 + 8)
B. 6 • 0 = 0 • 6
C. (6 • 0) • 8 = 6 • (0 • 8)
D. 6 • 1 = 6

3) A. 5 • 1 = 5
B. 5 • 0 = 0 • 5
C. (5 • 0) + (5 × 6) = 5 • (0 + 6)
D. (5 • 0) • 6 = 5 • (0 • 6)

4) A. 8 • (7 + 3) = (8 • 7) + (8 • 3)
B. 8 • (7 • 3) = (8 • 7) • 3
C. 8 • 7 = 7 • 8
D. 1 • 8 = 8

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

6) A. 2 • (3 + 5) = (2 • 3) + (2 • 5)
B. 2 • (3 • 5) = (2 • 3) • 5
C. 1 • 2 = 2
D. 2 • 3 = 3 • 2

7) A. 4 • (10 • 5) = (4 • 10) • 5
B. 4 • 10 = 10 • 4
C. 1 • 4 = 4
D. 4 • (10 + 5) = (4 • 10) + (4 • 5)

8) A. 7 • 2 = 2 • 7
B. 1 • 7 = 7
C. 7 • (2 • 0) = (7 • 2) • 0
D. 7 • (2 + 0) = (7 • 2) + (7 • 0)

9) A. 4 • 1 = 4
B. 4 • 0 = 0 • 4
C. (4 • 0) + (4 × 8) = 4 • (0 + 8)
D. (4 • 0) • 8 = 4 • (0 • 8)

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

11) A. (6 • 5) + (6 × 8) = 6 • (5 + 8)
B. 6 • 5 = 5 • 6
C. (6 • 5) • 8 = 6 • (5 • 8)
D. 6 • 1 = 6

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

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 Distributivgesetz (Multiplikation) Name: **Lösungsschlüssel**

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

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

2) A. (6 • 0) + (6 × 8) = 6 • (0 + 8)
B. 6 • 0 = 0 • 6
C. (6 • 0) • 8 = 6 • (0 • 8)
D. 6 • 1 = 6

3) A. 5 • 1 = 5
B. 5 • 0 = 0 • 5
C. (5 • 0) + (5 × 6) = 5 • (0 + 6)
D. (5 • 0) • 6 = 5 • (0 • 6)

4) A. 8 • (7 + 3) = (8 • 7) + (8 • 3)
B. 8 • (7 • 3) = (8 • 7) • 3
C. 8 • 7 = 7 • 8
D. 1 • 8 = 8

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

6) A. 2 • (3 + 5) = (2 • 3) + (2 • 5)
B. 2 • (3 • 5) = (2 • 3) • 5
C. 1 • 2 = 2
D. 2 • 3 = 3 • 2

7) A. 4 • (10 • 5) = (4 • 10) • 5
B. 4 • 10 = 10 • 4
C. 1 • 4 = 4
D. 4 • (10 + 5) = (4 • 10) + (4 • 5)

8) A. 7 • 2 = 2 • 7
B. 1 • 7 = 7
C. 7 • (2 • 0) = (7 • 2) • 0
D. 7 • (2 + 0) = (7 • 2) + (7 • 0)

9) A. 4 • 1 = 4
B. 4 • 0 = 0 • 4
C. (4 • 0) + (4 × 8) = 4 • (0 + 8)
D. (4 • 0) • 8 = 4 • (0 • 8)

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

11) A. (6 • 5) + (6 × 8) = 6 • (5 + 8)
B. 6 • 5 = 5 • 6
C. (6 • 5) • 8 = 6 • (5 • 8)
D. 6 • 1 = 6

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

Antworten

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

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