



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

Antworten

1) A. $10 \cdot 8 = 8 \cdot 10$

2) A. $2 \cdot 1 = 2$

1. _____

B. $10 \cdot (8 \cdot 1) = (10 \cdot 8) \cdot 1$

B. $(2 \cdot 1) \cdot 6 = 2 \cdot (1 \cdot 6)$

2. _____

C. $10 \cdot (8 + 1) = (10 \cdot 8) + (10 \cdot 1)$

C. $(2 \cdot 1) + (2 \cdot 6) = 2 \cdot (1 + 6)$

3. _____

D. $1 \cdot 10 = 10$

D. $2 \cdot 1 = 1 \cdot 2$

3) A. $8 \cdot 0 = 0 \cdot 8$

4) A. $(9 \cdot 10) + (9 \times 3) = 9 \cdot (10 + 3)$

4. _____

B. $(8 \cdot 0) + (8 \times 1) = 8 \cdot (0 + 1)$

B. $(9 \cdot 10) \cdot 3 = 9 \cdot (10 \cdot 3)$

5. _____

C. $(8 \cdot 0) \cdot 1 = 8 \cdot (0 \cdot 1)$

C. $9 \cdot 1 = 9$

6. _____

D. $8 \cdot 1 = 8$

D. $9 \cdot 10 = 10 \cdot 9$

7. _____

5) A. $1 \cdot 0 = 0$

6) A. $2 \cdot (5 + 6) = (2 \cdot 5) + (2 \cdot 6)$

8. _____

B. $0 \cdot 10 = 10 \cdot 0$

B. $1 \cdot 2 = 2$

9. _____

C. $0 \cdot (10 \cdot 3) = (0 \cdot 10) \cdot 3$

C. $2 \cdot (5 \cdot 6) = (2 \cdot 5) \cdot 6$

10. _____

D. $0 \cdot (10 + 3) = (0 \cdot 10) + (0 \cdot 3)$

D. $2 \cdot 5 = 5 \cdot 2$

11. _____

7) A. $0 \cdot 1 = 0$

8) A. $9 \cdot 0 = 0 \cdot 9$

12. _____

B. $0 \cdot 5 = 5 \cdot 0$

B. $1 \cdot 9 = 9$

10. _____

C. $(0 \cdot 5) \cdot 1 = 0 \cdot (5 \cdot 1)$

C. $9 \cdot (0 \cdot 4) = (9 \cdot 0) \cdot 4$

11. _____

D. $(0 \cdot 5) + (0 \times 1) = 0 \cdot (5 + 1)$

D. $9 \cdot (0 + 4) = (9 \cdot 0) + (9 \cdot 4)$

9) A. $(2 \cdot 9) + (2 \times 7) = 2 \cdot (9 + 7)$

10) A. $9 \cdot 7 = 7 \cdot 9$

11. _____

B. $2 \cdot 9 = 9 \cdot 2$

B. $(9 \cdot 7) + (9 \times 6) = 9 \cdot (7 + 6)$

12. _____

C. $(2 \cdot 9) \cdot 7 = 2 \cdot (9 \cdot 7)$

C. $(9 \cdot 7) \cdot 6 = 9 \cdot (7 \cdot 6)$

D. $2 \cdot 1 = 2$

D. $9 \cdot 1 = 9$

11) A. $8 \cdot 1 = 8$

12) A. $4 \cdot 8 = 8 \cdot 4$

10. _____

B. $(8 \cdot 7) + (8 \times 0) = 8 \cdot (7 + 0)$

B. $(4 \cdot 8) \cdot 9 = 4 \cdot (8 \cdot 9)$

11. _____

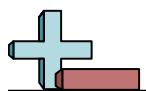
C. $(8 \cdot 7) \cdot 0 = 8 \cdot (7 \cdot 0)$

C. $(4 \cdot 8) + (4 \times 9) = 4 \cdot (8 + 9)$

12. _____

D. $8 \cdot 7 = 7 \cdot 8$

D. $4 \cdot 1 = 4$



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- 1) A. $10 \bullet 8 = 8 \bullet 10$
B. $10 \bullet (8 \bullet 1) = (10 \bullet 8) \bullet 1$
C. $10 \bullet (8 + 1) = (10 \bullet 8) + (10 \bullet 1)$
D. $1 \bullet 10 = 10$

2) A. $2 \bullet 1 = 2$
B. $(2 \bullet 1) \bullet 6 = 2 \bullet (1 \bullet 6)$
C. $(2 \bullet 1) + (2 \times 6) = 2 \bullet (1 + 6)$
D. $2 \bullet 1 = 1 \bullet 2$

3) A. $8 \bullet 0 = 0 \bullet 8$
B. $(8 \bullet 0) + (8 \times 1) = 8 \bullet (0 + 1)$
C. $(8 \bullet 0) \bullet 1 = 8 \bullet (0 \bullet 1)$
D. $8 \bullet 1 = 8$

4) A. $(9 \bullet 10) + (9 \times 3) = 9 \bullet (10 + 3)$
B. $(9 \bullet 10) \bullet 3 = 9 \bullet (10 \bullet 3)$
C. $9 \bullet 1 = 9$
D. $9 \bullet 10 = 10 \bullet 9$

5) A. $1 \bullet 0 = 0$
B. $0 \bullet 10 = 10 \bullet 0$
C. $0 \bullet (10 \bullet 3) = (0 \bullet 10) \bullet 3$
D. $0 \bullet (10 + 3) = (0 \bullet 10) + (0 \bullet 3)$

6) A. $2 \bullet (5 + 6) = (2 \bullet 5) + (2 \bullet 6)$
B. $1 \bullet 2 = 2$
C. $2 \bullet (5 \bullet 6) = (2 \bullet 5) \bullet 6$
D. $2 \bullet 5 = 5 \bullet 2$

7) A. $0 \bullet 1 = 0$
B. $0 \bullet 5 = 5 \bullet 0$
C. $(0 \bullet 5) \bullet 1 = 0 \bullet (5 \bullet 1)$
D. $(0 \bullet 5) + (0 \times 1) = 0 \bullet (5 + 1)$

8) A. $9 \bullet 0 = 0 \bullet 9$
B. $1 \bullet 9 = 9$
C. $9 \bullet (0 \bullet 4) = (9 \bullet 0) \bullet 4$
D. $9 \bullet (0 + 4) = (9 \bullet 0) + (9 \bullet 4)$

9) A. $(2 \bullet 9) + (2 \times 7) = 2 \bullet (9 + 7)$
B. $2 \bullet 9 = 9 \bullet 2$
C. $(2 \bullet 9) \bullet 7 = 2 \bullet (9 \bullet 7)$
D. $2 \bullet 1 = 2$

10) A. $9 \bullet 7 = 7 \bullet 9$
B. $(9 \bullet 7) + (9 \times 6) = 9 \bullet (7 + 6)$
C. $(9 \bullet 7) \bullet 6 = 9 \bullet (7 \bullet 6)$
D. $9 \bullet 1 = 9$

11) A. $8 \bullet 1 = 8$
B. $(8 \bullet 7) + (8 \times 0) = 8 \bullet (7 + 0)$
C. $(8 \bullet 7) \bullet 0 = 8 \bullet (7 \bullet 0)$
D. $8 \bullet 7 = 7 \bullet 8$

12) A. $4 \bullet 8 = 8 \bullet 4$
B. $(4 \bullet 8) \bullet 9 = 4 \bullet (8 \bullet 9)$
C. $(4 \bullet 8) + (4 \times 9) = 4 \bullet (8 + 9)$
D. $4 \bullet 1 = 4$

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