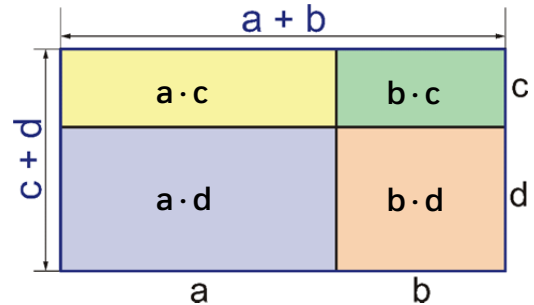


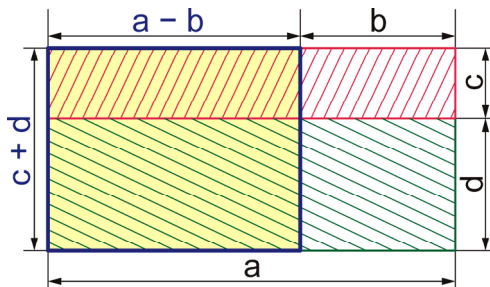
Auflösen von Klammern in einem Produkt

Lösungen

1. $(a + b) \cdot (c + d) = a \cdot c + b \cdot c + a \cdot d + b \cdot d$

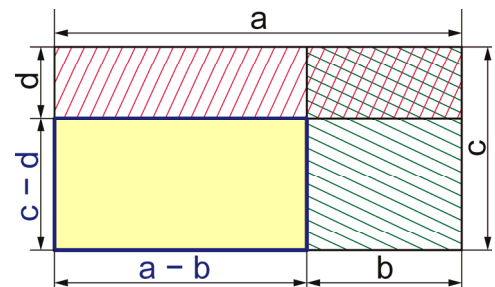


2. a)



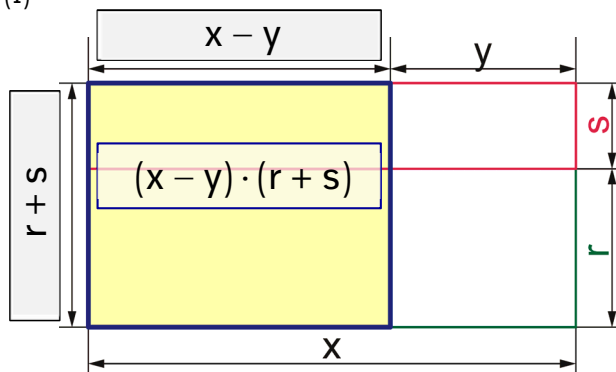
$(a - b) \cdot (c + d) = a \cdot c - b \cdot c + a \cdot d - b \cdot d$

b)

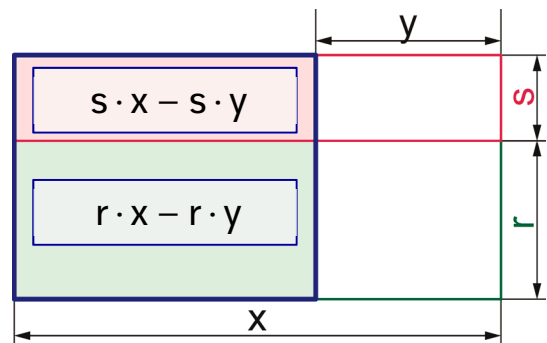


$(a - b) \cdot (c - d) = a \cdot c - b \cdot c - a \cdot d + b \cdot d$

3. (I)



(II)



4. a) $(x + y) \cdot (z + t) = xz + yz + xt + yt$

c) $(x + y) \cdot (z - t) = xz + yz - xt - yt$

e) $(s + 4) \cdot (3 - r) = 3s + 12 - rs - 4r$

b) $(x - y) \cdot (z - t) = xz - yz - xt + yt$

d) $(x - y) \cdot (z + t) = xz - yz + xt - yt$

f) $(3d - 2f) \cdot (e + 2g) = 3ed - 2ef + 6dg - 4fg$