

Binomische Formeln

Berechnen Sie durch Multiplikation:

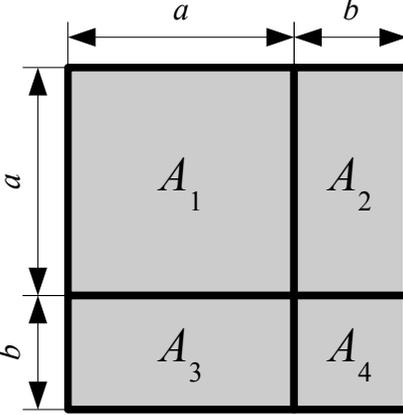
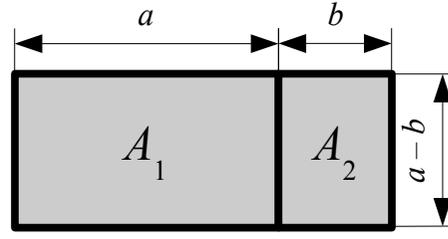
$$(a+b)(a-b) = \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}}$$

Berechnen Sie durch Multiplikation:

$$(a+b)^2 = \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}}$$




Schreiben Sie das Ergebnis mit Hilfe der Binomischen Formeln sofort hin!

- Beispiel: $(2n+m)^2 = 4n^2 + 4nm + m^2$
- A) $(x+y)^2 = \underline{\hspace{2cm}}$
 - B) $(p-q)^2 = \underline{\hspace{2cm}}$
 - C) $(n-2m)^2 = \underline{\hspace{2cm}}$
 - D) $(2+q)(2-q) = \underline{\hspace{2cm}}$
 - E) $(x+3y)^2 = \underline{\hspace{2cm}}$
 - F) $(n-3m)^2 = \underline{\hspace{2cm}}$
 - G) $(n+3)(n-3) = \underline{\hspace{2cm}}$
 - H) $(2x+2y)^2 = \underline{\hspace{2cm}}$
 - I) $(2-3m)^2 = \underline{\hspace{2cm}}$
 - J) $(2+3q)(2-3q) = \underline{\hspace{2cm}}$
 - K) $(4+k)^2 = \underline{\hspace{2cm}}$
 - L) $(x-5)^2 = \underline{\hspace{2cm}}$

Berechnen Sie durch Multiplikation:

$$(a-b)^2 = \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}}$$
