

# DAS ADDITIONSVERFAHREN

Löse: **I** :  $2x + 3y = 38$  ; **II** :  $5x - 4y = 3$

**I**             $2x + 3y = 38 \quad | \cdot 4$

**II**             $5x - 4y = 3 \quad | \cdot 3$

**I'**             $8x + 12y = 152$

**II'**             $15x - 12y = 9$

---

**I' + II'**       $23x + 0 = 161 \quad | : 23$

$x = 7$

---

$x = 7$  in **I** einsetzen:

$2 \cdot 7 + 3y = 38 \Leftrightarrow \dots \Leftrightarrow y = 8$