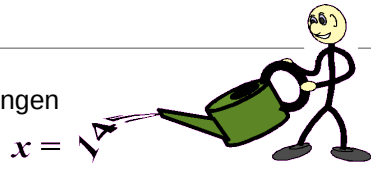


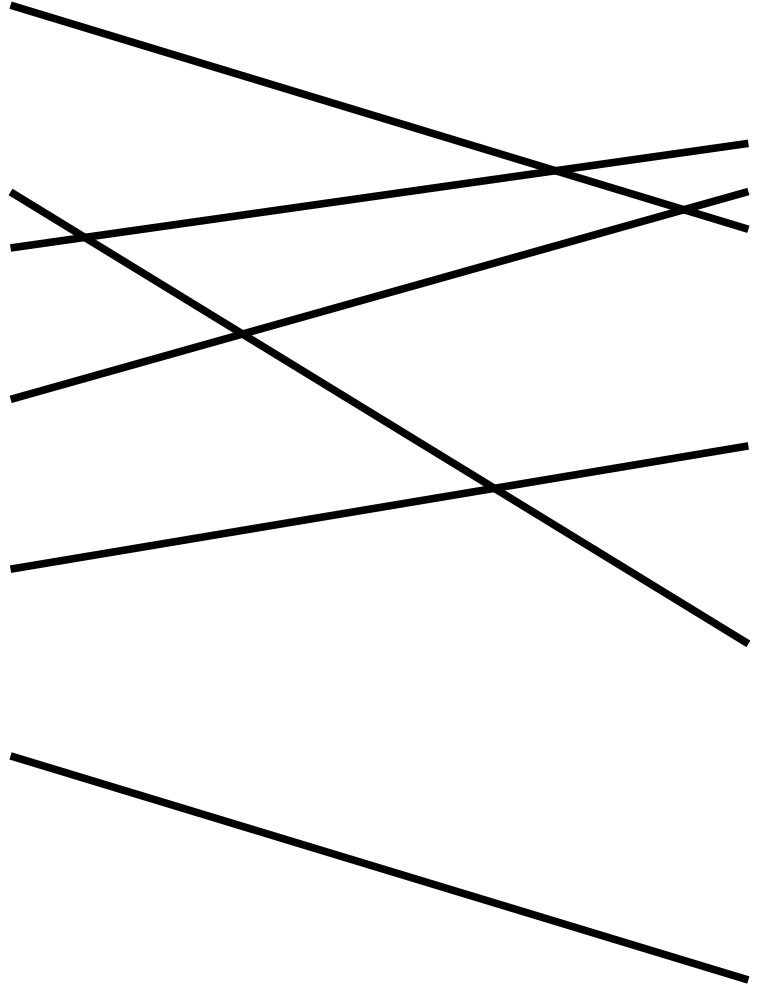
Lösungsmengen

Bestimmen Sie die Lösungsmengen zu den folgenden LGS: $x \in \mathbb{R}$



Lösung

$g: y = 4x+1$ $h: -2 = 8x-2y$	
$g: y = -\frac{1}{4}x+1$ $h: y = \frac{5}{4}x+4$	$L = \emptyset$
$g: -5x = -y+3$ $h: 2 = 10x-2y$	$L =$ $=$ $\{(x y) x \in \mathbb{R} \wedge 2y = 8x+2\}$
$g: -4 = 2x-4y$ $h: 1 = -x+2y$	$L =$ $=$ $\{(x y) x \in \mathbb{R} \wedge 2y = \frac{2}{3}x+1\}$
$g: y = \frac{1}{3}x + \frac{1}{2}$ $h: 2x = 6y-3$	$L = \{(1 1)\}$
$g: y = x$ $h: y = \frac{3}{2}x-1$	$L = \left\{ \left(-2 \mid \frac{3}{2} \right) \right\}$
	$L = \{(2 2)\}$



Lösung

1	8
2	3
3	1
4	5
5	9
6	2
7	12
8	6
9	10
10	4
11	7
12	11