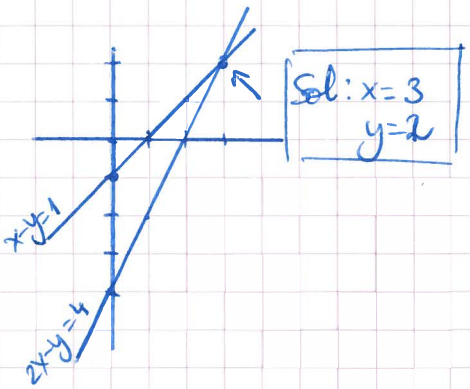
(25) a) $\left.\begin{array}{l} x-y=1 \\ 2x-y=4 \end{array}\right\}$

$x-y=1$ → $y=x-1$

x	y
0	-1
1	0
2	1
3	2

$2x-y=4$ → $y=2x-4$

x	y
0	-4
1	-2
2	0
3	2



Sol: $x=3$, $y=2$

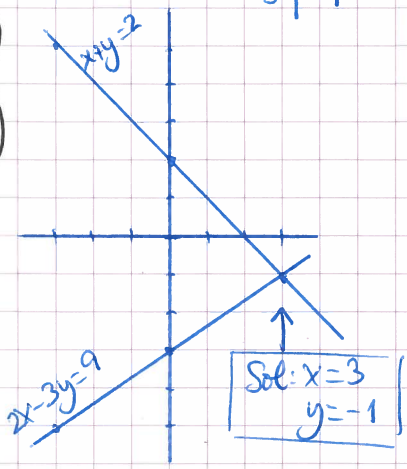
b) $\left.\begin{array}{l} x+y=2 \\ 2x-3y=9 \end{array}\right\}$

$x+y=2$ → $y=2-x$

x	y
-3	5
0	2
3	-1

$2x-3y=9$ → $y=\frac{2x-9}{3}$

x	y
-3	-5
0	-3
3	-1



Sol: $x=3$, $y=-1$

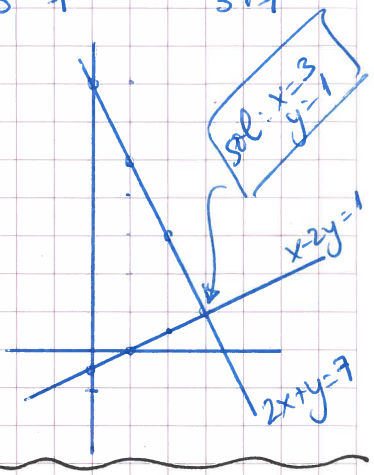
c) $\left.\begin{array}{l} x-2y=1 \\ 2x+y=7 \end{array}\right\}$

$x-2y=1$ → $y=\frac{x-1}{2}$

x	y
0	-0'5
1	0
2	0'5
3	1

$2x+y=7$ → $y=7-2x$

x	y
0	7
1	5
2	3
3	1



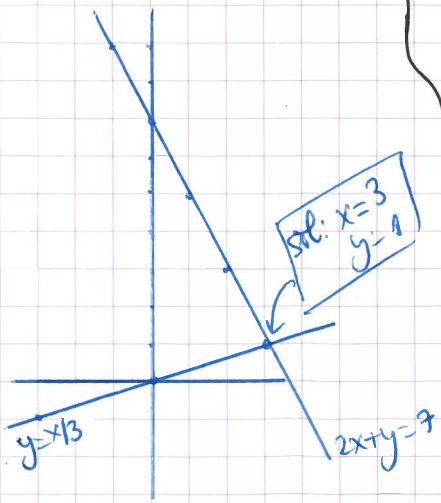
d) $\left.\begin{array}{l} 2x+y=7 \\ x-3y=0 \end{array}\right\}$

$2x+y=7$ → $y=7-2x$

x	y
-1	9
0	7
1	5
2	3

$x-3y=0$ → $y=\frac{x}{3}$

x	y
-3	-1
0	0
3	1



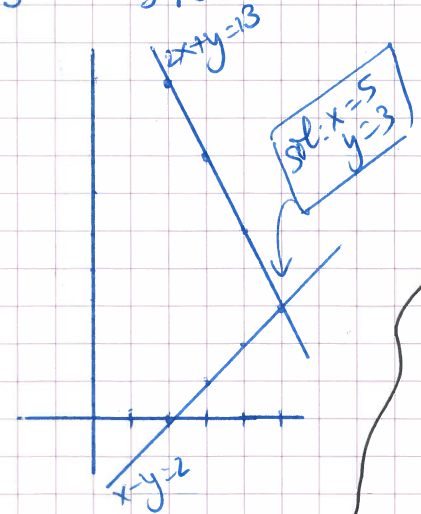
e) $\left.\begin{array}{l} 2x+y=13 \\ x-y=2 \end{array}\right\}$

$2x+y=13$ → $y=13-2x$

x	y
2	9
3	7
4	5
5	3

$x-y=2$ → $y=x-2$

x	y
2	0
3	1
4	2
5	3



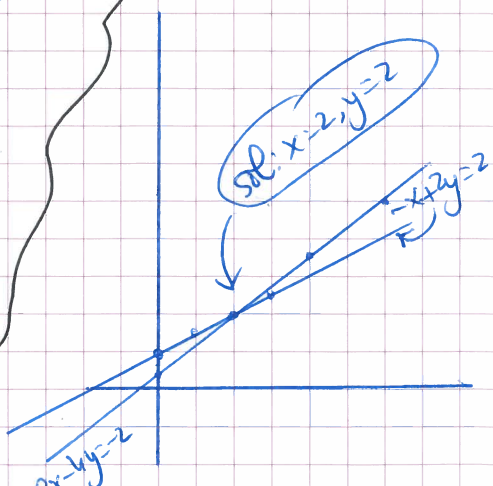
f) $\left.\begin{array}{l} -x+2y=2 \\ 3x-4y=-2 \end{array}\right\}$

$-x+2y=2$ → $y=\frac{2+x}{2}$

x	y
0	1
1	1'5
2	2
3	2'5

$3x-4y=-2$ → $y=\frac{3x+2}{4}$

x	y
0	0'5
2	2
4	3'5
6	5



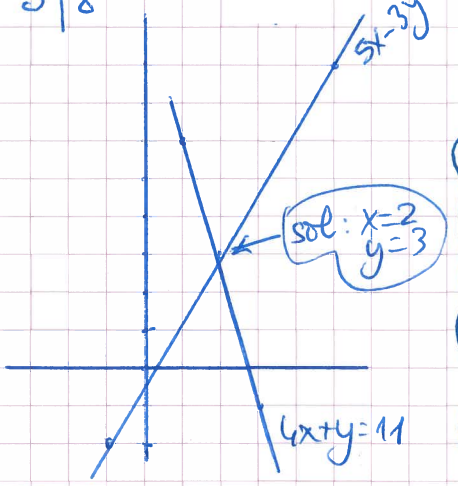
25 g) $\left.\begin{matrix} 5x-3y=1 \\ 4x+y=11 \end{matrix}\right\}$

$5x-3y=1$ $\quad y=\frac{5x-1}{3}$

x	y
-1	-2
2	3
5	8

$4x+y=11$ $\quad y=11-4x$

x	y
1	7
2	3
3	-1



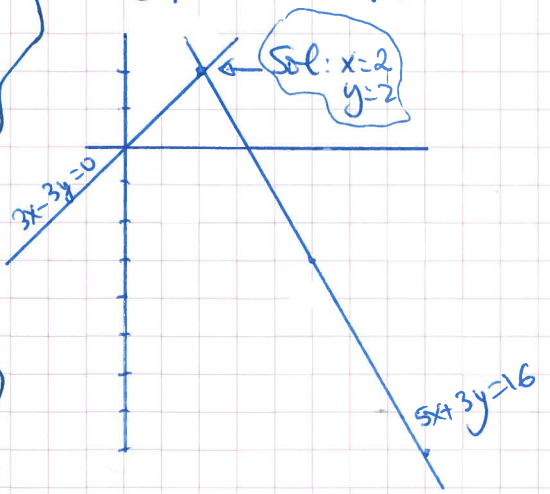
h) $\left.\begin{matrix} 5x+3y=16 \\ 3x-3y=0 \end{matrix}\right\}$

$5x+3y=16$ $\quad y=\frac{16-5x}{3}$

x	y
2	2
5	-3
8	-8

$3x-3y=0$ $\quad y=x$

x	y
0	0
1	1
2	2



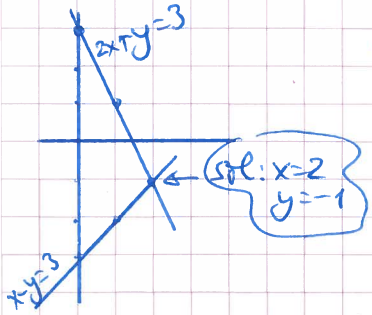
65 a) $\left.\begin{matrix} 2x+y=3 \\ x-y=3 \end{matrix}\right\}$

$2x+y=3$ $\quad y=3-2x$

x	y
0	3
1	1
2	-1

$x-y=3$ $\quad y=x-3$

x	y
0	-3
1	-2
2	-1



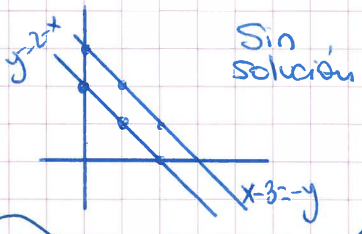
b) $\left.\begin{matrix} x+y=2 \\ x-3=-y \end{matrix}\right\}$

$x+y=2$ $\quad y=2-x$

x	y
0	2
1	1
2	0

$x-3=-y$ $\quad y=3-x$

x	y
0	3
1	2
2	1

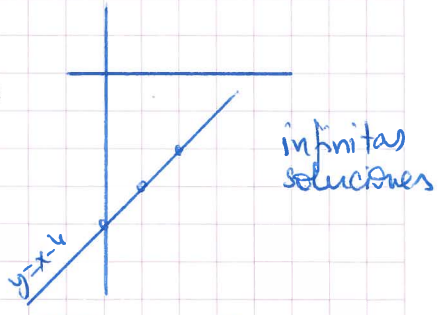


c) $\left.\begin{matrix} x-y=4 \\ 2x-8=2y \end{matrix}\right\}$

$x-y=4$ $\quad y=x-4$

x	y
0	-4
1	-3
2	-2

$2x-8=2y$ $\quad y=x-4$



d) $\left.\begin{matrix} x+y=2 \\ x-2y=2 \end{matrix}\right\}$

$x+y=2$ $\quad y=2-x$

x	y
1	1
2	0
3	-1

$x-2y=2$ $\quad y=\frac{x-2}{2}$

x	y
0	-1
2	0
4	1