

$$1 \text{ a } \begin{aligned} y_1 &= -x + 6 \\ y_2 &= 3x - 8 \end{aligned}$$

snijpunt

$$-x + 6 = 3x - 8$$

$$\begin{array}{r} -3x \quad -3x \\ \hline -4x + 6 = -8 \end{array}$$

$$\begin{array}{r} -6 \quad -6 \\ \hline -4x = -14 \end{array}$$

$$-4x = -14$$

$$\begin{array}{r} : -4 \quad : -4 \\ \hline x = 3\frac{1}{2} \end{array}$$

$$x = 3\frac{1}{2}$$

hoe heet deze methode?

snijpunt uitrekenen

$$x = 3\frac{1}{2} \quad y_1 = -3\frac{1}{2} + 6$$

$$y = 2\frac{1}{2}$$

$$S(3\frac{1}{2}; 2\frac{1}{2})$$

grafiek tekenen.

1 tabel

$$x \quad 0 \quad 1 \quad 2 \quad 3$$

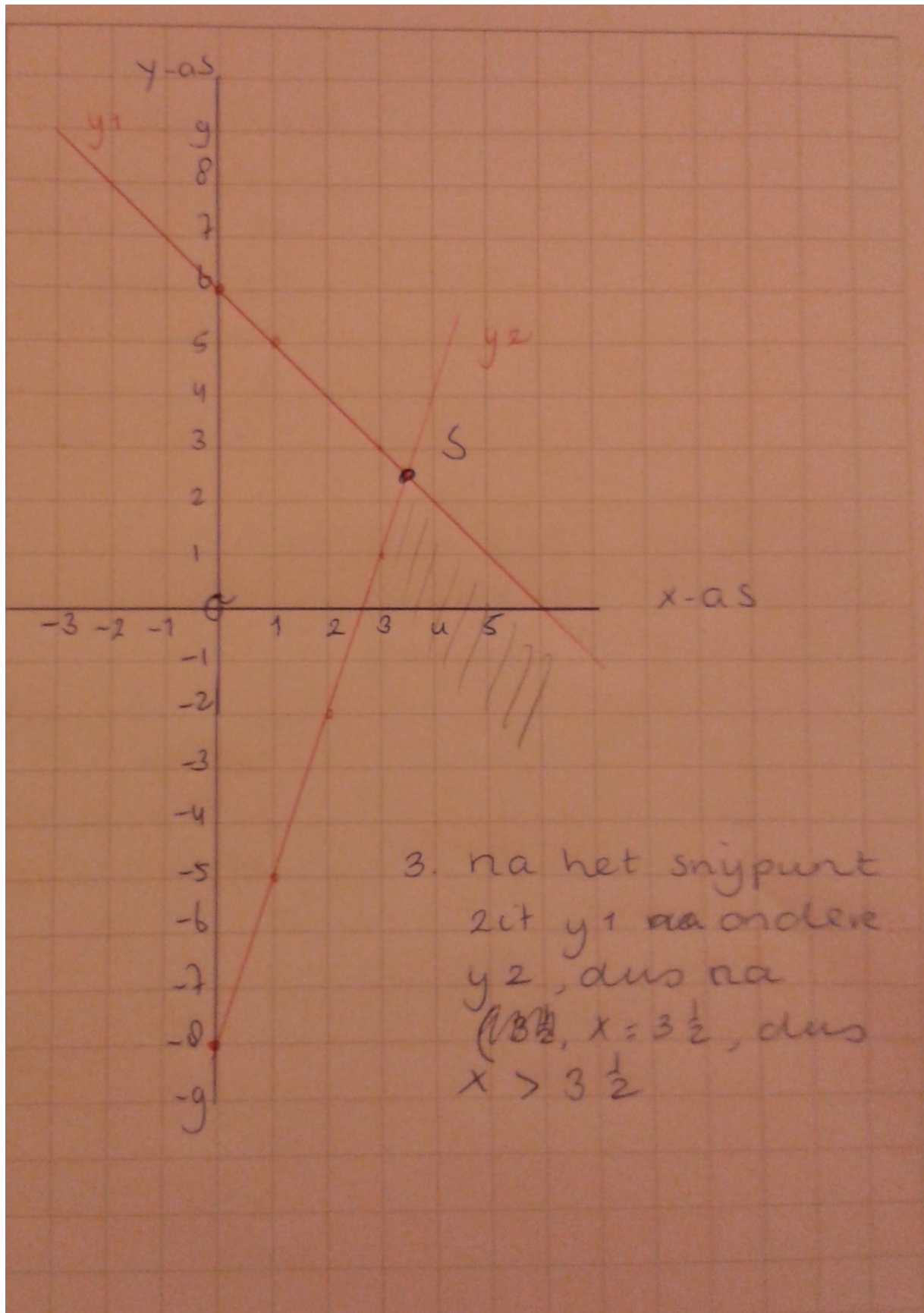
$$y_1 \quad 6 \quad 5 \quad 4 \quad 3$$

$$-x + 6$$

$$x \quad 0 \quad 1 \quad 2 \quad 3$$

$$y_2 \quad -8 \quad -5 \quad -2 \quad 1$$

$$3x - 8$$



$$1b \quad P_1 = 7h - 12$$

$$P_2 = h + 36$$

Schnittpunkt

$$\begin{array}{r} 7h - 12 = h + 36 \\ -h \quad \quad -h \\ \hline \end{array}$$

$$6h - 12 = 36$$

$$\begin{array}{r} \quad \quad +12 \quad \quad +12 \\ \hline \end{array}$$

$$6h = 48$$

$$\begin{array}{r} \underline{6} \quad \quad \quad \underline{6} \\ \hline \end{array}$$

$$h = 8$$

$$h = 8 \text{ in } P_2 = h + 36$$

$$P_2 = 8 + 36$$

$$P_2 = 44$$

$$P_1 = 7h - 12$$

$$P_1 = 7 \cdot 8 - 12$$

$$P_1 = 44$$

$$S(8, 44)$$

$$P_1 = 7h - 12$$

$$h \quad 0 \quad 4 \quad 8 \quad 12$$

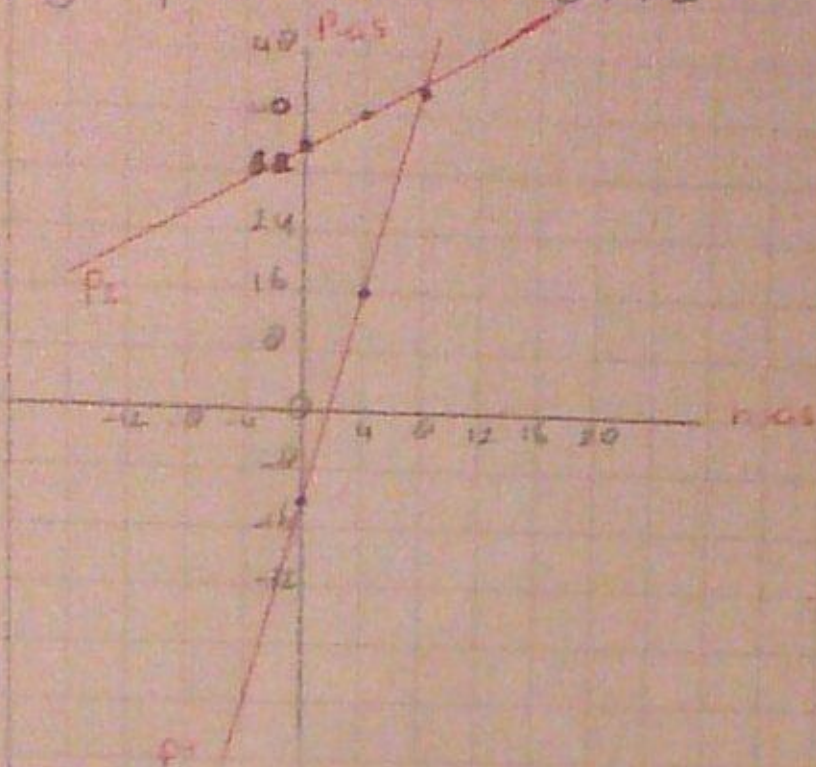
$$P_1 \quad 12 \quad 16 \quad 44 \quad 72$$

$$P_2 = h + 36$$

$$h \quad 0 \quad 4 \quad 8 \quad 12$$

$$P_2 \quad 36 \quad 40 \quad 44 \quad 48$$

Grafiek van P_1 en P_2



$$10 \quad Z_1 = 6w - 7$$

$$Z_2 = 4w - 21$$

$$6w - 7 = 4w - 21$$

$$\begin{array}{r} -4w \\ \hline 2w - 7 = -21 \end{array}$$

$$\begin{array}{r} +7 \\ \hline 2w = -14 \end{array}$$

$$\begin{array}{r} 2 \\ \hline w = -7 \end{array}$$

$$2w = -14$$

$$2 \quad 2$$

$$w = -7$$

$$S(-7, -49)$$

$$w = -7 \text{ invullen in}$$

$$Z_1 = 6w - 7$$

$$Z_1 = 6 \cdot (-7) - 7$$

$$Z_1 = -49$$

$$Z_2 = 4w - 21$$

$$Z_2 = 4 \cdot (-7) - 21$$

$$Z_2 = -49$$

Grafiek van Z_1 en Z_2

$$Z_1 = 6w - 7$$

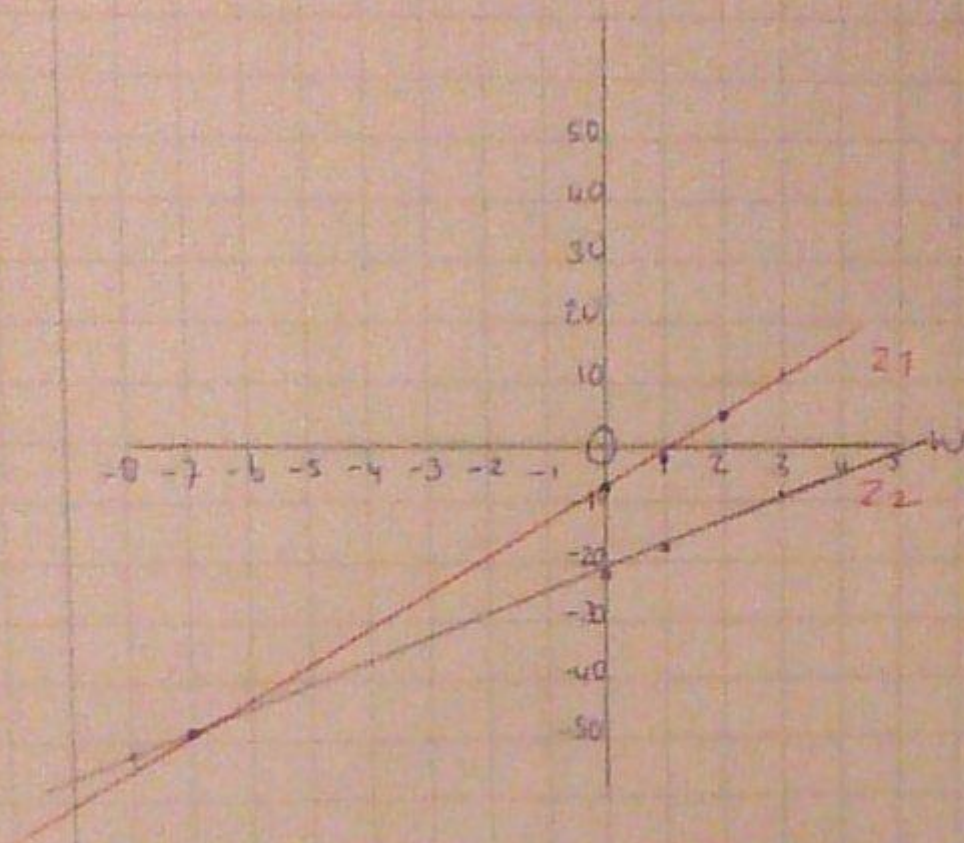
$$w \quad 0 \quad 1 \quad 2 \quad 3$$

$$Z_1 \quad -7 \quad -1 \quad 5 \quad 11$$

$$Z_2 = 4w - 21$$

$$w \quad 0 \quad 1 \quad 2 \quad 3$$

$$Z_2 \quad -21 \quad -17 \quad -13 \quad -9$$



$$1d \quad P_1 = 3a + 3$$

$$P_2 = 0a - 22$$

$$3a + 3 = 0a - 22$$

$$\begin{array}{r} -0a \\ \hline -5a + 3 = -22 \end{array}$$

$$\begin{array}{r} -3 \\ \hline -5a = -25 \end{array}$$

$$\begin{array}{r} -3 \\ \hline -5a = -25 \end{array}$$

$$\begin{array}{r} -5 \\ \hline -5a = -25 \end{array}$$

$$\begin{array}{r} -5 \\ \hline -5a = -25 \end{array}$$

$$a = 5$$

$a = 5$ invullen

$$P_1 = 3a + 3$$

$$P_1 = 3 \cdot 5 + 3$$

$$P_1 = 18$$

$$S(5, 18)$$

grafiek van P_1 en P_2

$$P_1 = 3Q + 3$$

$$Q \quad 0 \quad 2 \quad 4 \quad 6$$

$$P_1 \quad 3 \quad 9 \quad 15 \quad 21$$

$$P_2 = 8Q - 22$$

$$Q \quad 0 \quad 2 \quad 4 \quad 6$$

$$P_2 \quad -22 \quad -6 \quad 10 \quad 26$$

