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2 verg. met 2 onbekenden

$$\begin{aligned} 3x - 4y &= 6 \\ x + 2y &= -4 \quad (\times 2) \end{aligned}$$

$$\begin{aligned} 3x - 4y &= 6 \\ 2x + 4y &= -8 \quad + \\ \hline \end{aligned}$$

$$5x = -2 \rightarrow x = -\frac{2}{5} = -0,4$$

$$\begin{aligned} -0,4 + 2y &= -4 \\ 2y &= -3,6 \rightarrow y = -1,8 \end{aligned}$$

bepalen inverse van een functie.

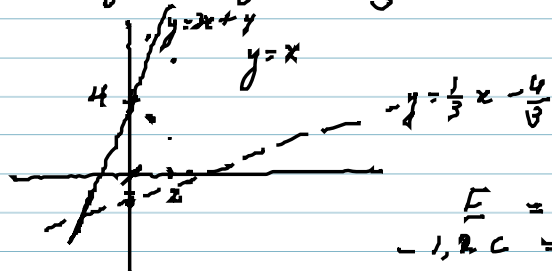
$$y = 3x + 4 \quad y(x)$$

$$-3x = -y + 4$$

$$3x = \frac{y}{3} - 4$$

$$x = \frac{y}{9} - \frac{4}{3}$$

$$y^{-1} = \frac{1}{9}x - \frac{4}{3}$$



$$\begin{aligned} E &= 1,2 C + 0,1 \\ -1,2 C &= -E + 0,1 \\ C &= \frac{-E}{1,2} + \frac{0,1}{1,2} \end{aligned}$$

2 vrg. met 2 onbekenden

$$\begin{array}{r} 3x - 4y = 6 \\ x + 2y = -4 \end{array} \quad (\times 2)$$

$$\begin{array}{r} 3x - 4y = 6 \\ 2x + 4y = -8 \\ \hline 5x = -2 \end{array} +$$

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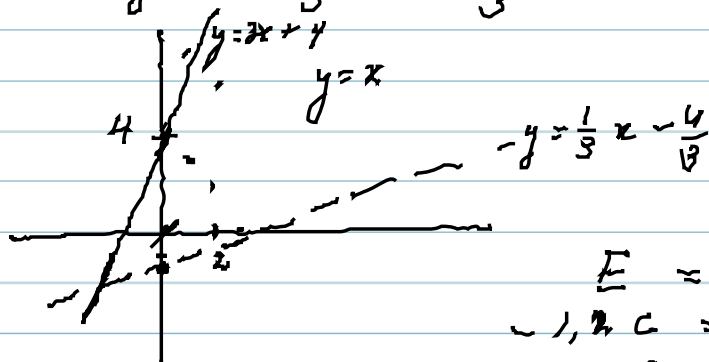
$$\begin{array}{l} -0,4 + 2y = -4 \\ 2y = -3,6 \rightarrow y = -1,8 \end{array}$$

bepalen inverse van een functie.

$$y = 3x + 4 \quad y(x)$$

$$\begin{array}{l} -3x = -y + 4 \\ 3x = y - 4 \\ x = \frac{1}{3}y - \frac{4}{3} \end{array}$$

$$y^{-1} = \frac{1}{3}x - \frac{4}{3}$$



$$\begin{array}{l} E = 1,2 C + 0,1 \\ -1,2 C = -E + 0,1 \\ C = \frac{E}{1,2} + \frac{0,1}{1,2} \end{array}$$