L1, L2

3.10

$$\begin{cases} 2x - y = 7 \\ 3x + 2y = 7 \end{cases}$$

med minikalkulator TI-84

2nd → MATRIX → x^{-1}

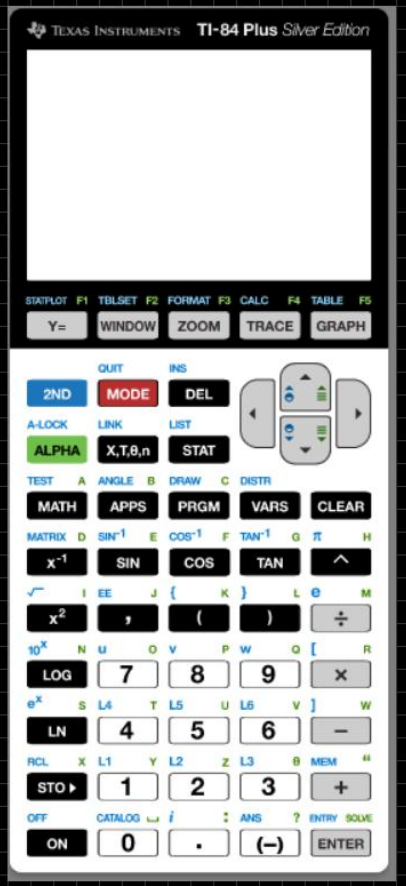
↳ EDIT

"rref (MATRIX → ENTER)

$$\begin{pmatrix} 1 & 0 & 3 \\ 0 & 1 & -1 \end{pmatrix}$$ ← Svar

$x = 3$

$y = -1$



3.10

$$\left(\begin{array}{cc|c} 2 & -1 & 7 \\ 3 & 2 & 7 \end{array}\right) \sim \left(\begin{array}{cc|c} -2 & +1 & -7 \\ 3 & 2 & 7 \end{array}\right) \sim \left(\begin{array}{cc|c} 1 & 3 & 0 \\ 3 & 2 & 7 \end{array}\right)$$

$$\sim \left(\begin{array}{cc|c} 1 & 3 & 0 \\ 0 & -7 & 7 \end{array}\right) \sim \left(\begin{array}{cc|c} 1 & 3 & 0 \\ 0 & 1 & -1 \end{array}\right) \sim \left(\begin{array}{cc|c} 1 & 0 & 3 \\ 0 & 1 & -1 \end{array}\right)$$

RADKANONISERA.

- Multiplicera med ett tal
- Dividera med ett tal (ej med 0)
- Addera (subtrahera) rader
- Flytta plats på rader.

$$\left(\begin{array}{cc|c} 1 & 0 & 3 \\ 0 & 1 & -1 \end{array}\right)$$

Youtube-kanal

3 blue 1 brown

"The essence of linjär algebra"

Sök på

Kolla avsnitt 1 ...