Sessió de dubtes BAT\_MATI Lliurament 2 5/11/2021 @ 18:30h

## METODE DE GAUSS

(i) 
$$1 \times +2y - 2 = -1$$
  $1 \times +2y - 2 = -1$   $1 \times +2y - 2 = 7$   $1 \times +2y - 2 = 10$   $1 \times +2y - 2 =$ 

$$\begin{cases} x + 2y - 2 = -1 & \longrightarrow \\ -5y - 2 = 10 & \longrightarrow \\ 3y + 3z = -2 & \longrightarrow \\ [3] \rightarrow [3] + 3 \cdot [2] \end{cases}$$

$$-3[1] -3x - 6y - 3Z = 3$$

$$-5y - Z = 10$$

$$[3] -2x - y + 5Z = 0$$

$$2x + 4y - 2Z = -2$$

$$3y + 3Z = -2$$

## COM PLANTEJAR SISTEMA

Identifier les insigniles

X: edut voire

y: edet pare ....> Equació;

7: edat fill.

[3]-[30]-

[3]-[3]+3[29]

## FRACCIONS ALGEBRAIQUES

$$\frac{\chi^{2}-2^{2}}{\chi^{2}-4\chi+4} = \frac{(\chi+2)\cdot(\chi-2)}{(\chi-2)\cdot(\chi-2)} = \frac{\chi+2}{\chi-2}$$

$$a^{2}-b^{2}=(a+b)\cdot(a-b),$$
 $(a-b)^{2}=a^{2}-2ab+b^{2}$ 

$$\frac{1}{(x)} + \frac{x-2}{(2x^{2})} + \frac{3}{(2x^{3})} = \frac{2x^{2} + x \cdot (x-2) + 1/4}{2x^{3}} = \frac{2x^{3} + x \cdot (x-2)$$

$$2.x^{3} = \frac{2x^{2}+x^{2}-2x+14}{2x^{3}} = \frac{3x^{2}-2x+14}{2x^{3}}$$

$$\frac{3x^{2}-2x+14}{2x^{3}}$$

## EQUACIONS LOGARITMIQUES

$$5 \times p$$
:  $2^{\times} = 5 \xrightarrow{\text{def.}} \times = \log 5 = 2, \dots$ 

log: 
$$\log X = 3 \rightarrow \overline{7} = X$$

$$\log A - k$$

$$\log X = 3 \rightarrow \overline{7} = X$$

$$\log A - \log B = 9B$$

$$\log X - \log X^2 = 1$$

$$\log\left(\frac{x}{x^2}\right) = 4 \longrightarrow 10^4 = \frac{x}{x^2}$$

$$\log C = 10$$

$$\log C = 10$$