Instituto Escuela

RESOLVER POR CRAMER

$3x+2y+z=2$

$4x+2y+2z=8$

$x-y+z=4$

$$\Delta=\begin{vmatrix} 3 & 2 & 1 \\ 4 & 2 & 2 \\ 1 & -1 & 1 \end{vmatrix} = (\ (3)\,(2)(\ \ )+(4)(-1)(\ \ )+(1)(\ \ )(\ \ ) \ ) - (\ (\ \ )(2)(\ \ )+(2)(-1)(\ \ )+(\ 1)(\ \ )(4) \ ) =$$

$$x = \begin{vmatrix} 2 & 1 \\ 2 & 2 \\ -1 & 1 \end{vmatrix} = (\ (\ )(\ )(1)+(\ )(-1)(1)+(4)(\ )(\ )\ ) - (\ (1)(2)(\ )+(2)(-1)(\ )+(1)(2)(\ )\ ) = \frac{\quad}{\Delta}$$

$$x = \quad$$

$x =$

$$y = \begin{vmatrix} 3 & 1 \\ 4 & 2 \\ 1 & 1 \end{vmatrix} = (\ (3)(\ )(1)+(\ )(\ )(1)+(1)(\ )(\ )\ ) - (\ (1)(\ )(1)+(2)(4)(\ )+(1)(2)(\ )\ ) = \frac{\quad}{\Delta}$$

$$y = \quad$$

$y =$

$$z = \begin{vmatrix} 3 & 2 & 2 \\ 4 & 2 & 8 \\ 1 & -1 & 4 \\ 3 & 2 & 8 \\ 4 & 2 & 8 \end{vmatrix} = (\quad (3)(2)(\quad)+(4)(-1)(\quad)+(1)(2)(\quad) \quad) - (\quad (\quad)(\quad)(1)+(\quad)(-1)(3)+(\quad)(2)(\quad) \quad) =$$

Δ

$z =$

$z =$