

DETERMINANTES DE 2X2 POR MÉTODO DE CRAMER

$$\begin{cases} 2x+6y=2 \\ 8x-2y=8 \end{cases}$$

$$D \begin{vmatrix} x & y \\ +2 & +6 \\ +8 & \end{vmatrix}$$

$$D=$$

$$D_x = \begin{vmatrix} +2 & +6 \\ +8 & \end{vmatrix}$$

$$D_x=$$

$$D_y = \begin{vmatrix} & +2 \\ +8 & +8 \end{vmatrix}$$

$$D_y=$$

$$x = \frac{D_x}{D}$$

$$x = \frac{\quad}{-52}$$

$$x=$$

$$y = \frac{D_y}{D}$$

$$y = \frac{\quad}{-52}$$

$$y=$$

DETERMINANTES DE 3X3 POR MÉTODO DE CRAMER

$$\begin{cases} 2x + 1y - 1z = 2 \\ 1x - 1y + 3z = 6 \\ 3x + 2y + 1z = 4 \end{cases}$$

$$D = \begin{vmatrix} +2 & +1 & -1 \\ +1 & -1 & +3 \\ +3 & +2 & +1 \end{vmatrix}$$

D=

$$D_x = \begin{vmatrix} +2 & +1 & -1 \\ -1 & +3 & \\ +4 & +2 & +1 \end{vmatrix}$$

Dx=

$$D_y = \begin{vmatrix} +2 & +2 & -1 \\ +6 & +3 & \\ +3 & +4 & +1 \end{vmatrix}$$

Dy=

$$D_z = \begin{vmatrix} +2 & +1 & +2 \\ +1 & & +6 \\ +3 & +2 & +4 \end{vmatrix}$$

Dz=

$$X = \frac{D_x}{D}$$

$$X = \frac{\quad}{11}$$

$$Y = \frac{D_y}{D}$$

$$Y = \frac{\quad}{11}$$

$$Z = \frac{D_z}{D}$$

$$Z = \frac{\quad}{11}$$