

MÉTODO DE DETERMINANTES (CRAMER) 2X2

$$\begin{cases} 6x + 3y = 12 \\ x + 6y = 13 \end{cases} \quad x = \frac{\Delta x}{\Delta} \quad y = \frac{\Delta y}{\Delta}$$

Paso 1: CALCULAR LA DETERMINANTE PRINCIPAL (Δ)

$$\begin{array}{cc} X & Y \\ \Delta = \begin{bmatrix} & \\ & \end{bmatrix} = \boxed{} - \boxed{} = \boxed{} \end{array}$$

Paso 2: CALCULAR DETERMINANTE DE X (Δx)

$$\begin{array}{cc} R & Y \\ \Delta x = \begin{bmatrix} & \\ & \end{bmatrix} = \boxed{} - \boxed{} = \boxed{} \end{array}$$

Paso 3: CALCULAR DETERMINANTE DE Y (Δy)

$$\begin{array}{cc} X & R \\ \Delta y = \begin{bmatrix} & \\ & \end{bmatrix} = \boxed{} - \boxed{} = \boxed{} \end{array}$$

Paso 4: CALCULAR EL VALOR DE x, y

$$x = - = \boxed{} \quad y = - = \boxed{}$$

MÉTODO DE DETERMINANTES (CRAMER) 2X2

$$\begin{cases} x + 2y = 10 \\ 3x + 2y = 18 \end{cases} \quad x = \frac{\Delta x}{\Delta} \quad y = \frac{\Delta y}{\Delta}$$

Paso 1: CALCULAR LA DETERMINANTE PRINCIPAL (Δ)

$$\begin{array}{cc} X & Y \\ \Delta = \begin{bmatrix} & \\ & \end{bmatrix} = \boxed{} - \boxed{} = \boxed{} \end{array}$$

Paso 2: CALCULAR DETERMINANTE DE X (Δx)

$$\begin{array}{cc} R & Y \\ \Delta x = \begin{bmatrix} & \\ & \end{bmatrix} = \boxed{} - \boxed{} = \boxed{} \end{array}$$

Paso 3: CALCULAR DETERMINANTE DE Y (Δy)

$$\begin{array}{cc} X & R \\ \Delta y = \begin{bmatrix} & \\ & \end{bmatrix} = \boxed{} - \boxed{} = \boxed{} \end{array}$$

Paso 4: CALCULAR EL VALOR DE x, y

$$x = - = \boxed{} \quad y = - = \boxed{}$$