

WORKSHEET FOR CRAMER'S RULE (Students)

Solve the following System of equations:

$$\begin{aligned} 1) \quad & 3x_1 = 2x_2 + 1 \\ & 7x_1 - x_2 = 6 \end{aligned}$$

$$\begin{aligned} 2) \quad & 3x_1 + x_2 = 4 \\ & -2x_2 + x_3 = -1 \\ & 3x_1 - 7x_3 = -4 \end{aligned}$$

$$\begin{aligned} 3) \quad & -2x_1 + 4x_2 = 6x_3 \\ & -3x_1 - 4x_3 = -x_2 \\ & x_1 + x_2 + x_3 = 1 \end{aligned}$$

$$\begin{aligned} 4) \quad & -9 - 3x_1 = x_2 \\ & x_1 + x_2 = -3 \end{aligned}$$