

WORKSHEET FOR CRAMER'S RULE (Teachers)

Solve the following System of equations:

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

$$\begin{aligned} 2) \quad & 3x_1 - 2x_2 - x_3 = 3 \\ & -4x_1 - 3x_2 = -4 \\ & -4x_2 + 3x_3 = 0 \end{aligned}$$

$$\begin{aligned} 3) \quad & 7x_1 - 4x_2 = -10 + x_3 \\ & x_2 + x_3 = -1 \\ & x_1 + x_2 + x_3 = -3 \end{aligned}$$

$$\begin{aligned} 4) \quad & x_1 - x_2 = -6 \\ & 4x_1 = x_2 - 15 \end{aligned}$$

$$\begin{aligned} & x_2 + x_3 = -1 \\ & x_1 + x_2 + x_3 = -3 \end{aligned}$$

