WORKSHEET FOR CRAMER'S RULE (Teachers)

Solve the following System of equations:

1) $2x_1 = 3x_2 + 7$
$x_1 - x_2 = 3$

2) $3x_1 - 2x_2 - x_3 = 3$
$-4x_1 - 3x_2 = -4$
$-4x_2 + 3x_3 = 0$

3) $7x_1 - 4x_2 = -10 + x_3$
$x_2 + x_3 = -1$
$x_1 + x_2 + x_3 = -3$

$x_2 + x_3 = -1$
$x_1 + x_2 + x_3 = -3$

4) $x_1 - x_2 = -6$
$4x_1 = x_2 - 15$