$$\begin{cases} n_1 + n_2 - 2n_3 = 9 \\ 2n_1 + 4n_2 - 3n_3 = 1 \\ 3n_1 + 6n_2 - 5n_3 = 0 \end{cases}$$

$$2R_3 - 3R_2$$

$$S_{11} + n_2 - 2n_3 = 9$$

$$2n_2 + n_3 = -17$$

$$-n_3 = -3$$

$$2a_{2} + 3 = -17$$

$$2a_{2} = -20$$

$$2a_{2} = -10$$

Problem

2+16+6

Problem 3

Problem 4

R2-> R1-2R2 4 R3-> R3-R2

R3 -> -R3/4

R3-7 l2+R3 R3-7 -R3/2

23+ 424= 7

Let My = t

N3 = 7-4t

$$-12 - 3(7 - 4t) - 9t = -16$$

 $-12 - 21 + 12t - 9t = -16$

$$-72 -21 + 3t = -16$$

$$-72 = -16 + 21 - 3t$$

$$72 = 3t - 5$$

$$2x_1 + 3(3t - 5) - (7 - ut) - 9t = -16$$

$$2x_1 + 9t - 15 - 7 + 14t - 9t = -16$$

$$2x_1 = 6 - 4t$$

$$x_1 = 3 - 2t$$