

140 5 -103 136 + 50.2

Ans to the a no-1

crover,

$$2x_1 + 2x_2 - 3x_3 + 4x_4 = 2$$

 $2x_1 + 5x_2 - 2x_3 + 2x_4 = 1$
 $5x_1 + 12x_2 - 7x_3^2 + 6x_4 = 3$

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2 -3 4 2

2 5 -2 1 1

5 12 -7 6 3 1

NOW,

$$R_2 = 2R_1 - R_2$$
 $R_3 = 5R_1 - R_3$
 $1 = 2 - 3 + 4$
 $2 = 3 + 2 + 1$