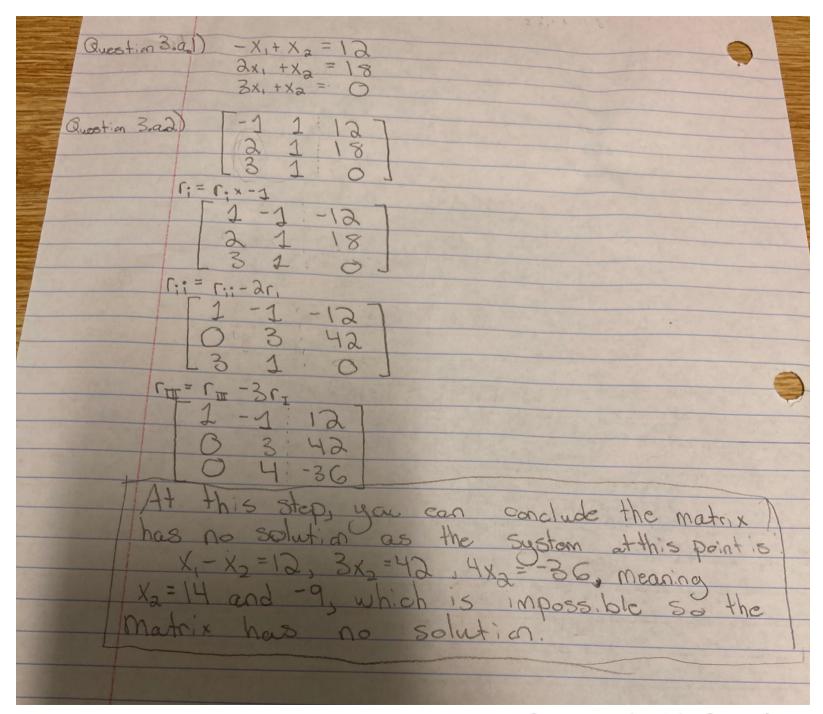


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Question 3.61) Workstreet I can. Math 70

X1 + X2 + X3 = 12

YX1 + 2X2 + X3 = 18

9x1 + 3X2 + X3 = 0 [1-11:12 [0 0 -2 -48 which gives the linear system?

\[\langle x_1 - x_2 + x_3 = 12 \\
 \langle x_2 - \frac{2}{3} = -5 \\
 -2 \text{23} = -48 \\
\] This system can be solved swith with x3=24, X2=7, and X1=-5, meaning the equation of the quadratic is: -5x2+7x+24=62

