93.1 259 fat 329 protein. x = 19fat + 29 pertein y = 59 fait + 19 protes. (15|25)12,-x2,-2R/15 12,-7-4R2 (15) 25 12,-712,-5Rz

Should cont 15 unit, of

Z made with

2 uni ofy

$$\begin{array}{c} (233) & (33) & (-1-2)-2 \\ (33) & (0) \\ (23-3) & (-1-2)-2 \\ (11-2)-2 \\ (-1-2)-2 \\ (-1-2)-2 \\ (-1-2)-2 \\ (-1) & (-1) & (-1) \\ (-1) & (-1) & (-2) \\ (-1) & (-2) & (-2) \\ (-2) & (-2) & (-2) \end{array}$$

122->P2+R3/

$$\begin{array}{c} (2) \left( \begin{array}{c} 2 - 2 & 3 & | & 2 \\ 1 - 2 & -1 & | & 0 \\ -2 & 2 & | & 1 \end{array} \right) \\ R_{1} \rightarrow R_{1} + R_{2} \\ (-2) \left( \begin{array}{c} 1 & -2 & | & 2 \\ -2 & 2 & | & 1 \end{array} \right) \\ R_{2} \rightarrow R_{3} + 2R_{4} \\ (-2) \left( \begin{array}{c} 1 & 0 & 4 & | & 2 \\ -2 & 2 & | & 1 \end{array} \right) \\ R_{3} \rightarrow R_{3} + 2R_{4} \\ (-2) \left( \begin{array}{c} 1 & 0 & 4 & | & 2 \\ -2 & 2 & | & 1 \end{array} \right) \\ R_{3} \rightarrow R_{3} + 2R_{4} \\ (-2) \left( \begin{array}{c} 1 & 0 & 4 & | & 2 \\ -2 & 2 & | & 1 \end{array} \right) \\ R_{3} \rightarrow R_{3} + 2R_{4} \\ (-2) \left( \begin{array}{c} 1 & 0 & 4 & | & 2 \\ -2 & 1 & | & 1 \end{array} \right) \\ R_{3} \rightarrow R_{3} + 2R_{4} \\ (-2) \left( \begin{array}{c} 1 & 0 & 4 & | & 2 \\ -2 & 1 & | & 1 \end{array} \right) \\ R_{3} \rightarrow R_{3} + 2R_{4} \\ (-2) \left( \begin{array}{c} 1 & 0 & 4 & | & 2 \\ -2 & 1 & | & 1 \end{array} \right) \\ R_{3} \rightarrow R_{3} + 2R_{4} \\ (-2) \left( \begin{array}{c} 1 & 0 & 4 & | & 2 \\ -2 & 1 & | & 1 \end{array} \right) \\ R_{3} \rightarrow R_{3} + 2R_{4} \\ (-2) \left( \begin{array}{c} 1 & 0 & | & 1 & | & 1 \\ -2 & 1 & | & 1 \end{array} \right) \\ R_{3} \rightarrow R_{3} + 2R_{4} \\ (-2) \left( \begin{array}{c} 1 & 0 & | & 1 & | & 1 \\ -2 & 1 & | & 1 \end{array} \right) \\ R_{3} \rightarrow R_{3} + 2R_{4} \\ (-2) \left( \begin{array}{c} 1 & 0 & | & 1 & | & 1 \\ -2 & 1 & | & 1 \end{array} \right) \\ R_{4} \rightarrow R_{4} + 2R_{4} \\ R_{5} \rightarrow R_{5} + 2R_{5} + 2R_{5} \\ R_{5} \rightarrow R_{5} + 2R_{5} \\ R_{5} \rightarrow R_{5} + 2R_{5} \\ R_{5} \rightarrow R_{5} + 2R_{5} + 2R_{5} + 2R_{5}$$

$$\begin{array}{c} P_{2} \rightarrow P_{3} + P_{3} \\ \hline \\ P_{3} \rightarrow P_{4} \\ \hline \\ P_{2} \rightarrow P_{4} \\ \hline \\ P_{3} \rightarrow P_{4} \\ \hline \\ P_{4} \rightarrow P_{5} \\ \hline \\ P_{5} \rightarrow P_{7} - 4P_{3} \\ \hline \\ P_{5} \rightarrow P_{7} - 4P_{3} \\ \hline \\ P_{7} \rightarrow P_{7} - 4$$

$$P3.4a$$
).  $(-1 - 2 | -2)$ 
 $3 = 6 | 6$ 
 $P3.4a$ ).  $(-1 - 2 | -2)$ 
 $P3.4a$ :

 $P3.4a$ :

Z Made with

basic var: X1, X2.

Fire vou: X3. Shis a line + since theris | fire vou.

C) 
$$\begin{pmatrix} 2 & -2 & 3 & | & 2 \\ 0 & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ | & 2 & | & 3 \\ |$$