$$\begin{array}{c} P \\ R_{1} \\ R_{2} \\ R_{3} \\ R_{4} \\ R_{5} \\ R_{5} \\ R_{1} \\ R_{5} \\ R_{1} \\ R_{5} \\ R_{1} \\ R_{5} \\ R_{1} \\ R_{5} \\ R_{$$

$$\begin{bmatrix} 1 & 0 & 0 \\ -1/2 & 1 & 0 \\ -1/2 & 1/5 & 1 \end{bmatrix} \begin{bmatrix} c_1 \\ c_2 \\ c_3 \end{bmatrix} = \begin{bmatrix} 0 & 1 & 0 \\ 0 & 0 & 1 \\ 1 & 0 & 0 \end{bmatrix} \begin{bmatrix} -2 \\ 17 \\ 3 \end{bmatrix} = \begin{bmatrix} 17 \\ 3 \\ -2 \end{bmatrix}$$

$$c_1 = 17$$

$$-\frac{1}{2}(17) + (2 = 3 =) (2 = 3 + \frac{17}{2} =) (2 = \frac{23}{2} - \frac{1}{2}(17) + \frac{1}{9}(\frac{23}{2}) + (5 = -2) =) (3 = \frac{21}{5}$$
2. $4x = 6$

$$\begin{bmatrix} 2 & 1 & 1 \\ 0 & 6/2 & 1/2 \\ 0 & 0 & 7/5 \end{bmatrix} \begin{bmatrix} \times_1 \\ \times_2 \\ \times_3 \end{bmatrix} = \begin{bmatrix} 17 \\ 15/2 \\ 21/5 \end{bmatrix}$$

$$\frac{7}{5} \times_3 = \frac{21}{6}$$
 => $\times_3 = 3$
 $\frac{5}{12} \times_2 + \frac{1}{12} (3) = \frac{23}{2}$ => $\times_2 = 4$
 $\frac{2}{12} \times_1 + \frac{1}{12} \times_1 = \frac{1}{12}$ => $\times_1 = \frac{5}{12}$

Suo lausnin er [5,4,3]