3.b $Ux = y$

$$\begin{bmatrix} -5 & 2 & -1 \\ 0 & 11/5 & 27/5 \\ 0 & 0 & 20/11 \end{bmatrix} \begin{bmatrix} x_1 \\ x_2 \\ x_3 \end{bmatrix} = \begin{bmatrix} 2 \\ 11/5 \\ -2 \end{bmatrix}$$

$x_3 = \frac{11}{20} \cdot -2 = -\frac{22}{20}$

$\frac{11}{5} x_2 + \frac{27}{5} x_3 = \frac{11}{5}$, $\quad x_2 = \frac{5}{11}\left(\frac{11}{5} + \frac{27}{5} \cdot \frac{22}{20}\right) = 3.7$

$-5x_1 + 2x_2 - x_3 = 2$, $\quad x_1 = -\frac{1}{5}\left(2 - 2 \cdot 3.7 - \frac{22}{20}\right)$

$= 1.3$

$$x = \begin{bmatrix} 1.3 \\ 3.7 \\ -1.1 \end{bmatrix}$$