$$\text{b) } \begin{pmatrix} 1 & -1 & 2 & -3 & | & 4 \\ 0 & 1 & -1 & 1 & | & 9 \end{pmatrix}$$

$$n = 4, r = 2 \Rightarrow n - r = 2$$

$$x = \begin{pmatrix} 13 \\ 9 \\ 0 \\ 0 \end{pmatrix} + \alpha * \begin{pmatrix} 2 \\ -1 \\ 0 \\ 1 \end{pmatrix} + \beta * \begin{pmatrix} -1 \\ 1 \\ 1 \\ 0 \end{pmatrix}, \alpha, \beta \in \mathbb{R}$$