$$\rightarrow \quad \begin{array}{ccccc} 1 & 2 & -4 & -4 & 5 \\ 0 & -1 & 10 & 9 & -5 \\ 0 & 0 & 8 & 8 & -8 \\ 0 & 0 & 0 & 0 & 24 \end{array}$$

Rem: i) The row echelon form of a matrix is not unique.

Def: Matrices A and B are row equivalent if there is a series of elementary row operations that converts A into B.