w - x - y + 28 = 14-8=1 W, y; loading variables L, X; free variables 4=2+1 w=1+x+y-2x = 2+2-8 $\begin{bmatrix} w \\ \chi \\ y \\ z \end{bmatrix} = \begin{bmatrix} 2 + \chi - 8 \\ \chi \\ z + 1 \end{bmatrix}$ = [20] + ×[1] Def. The rank of a matrix is # of nonzero rows in