h)
$$A = \begin{bmatrix} -1 & 6 \\ 23 & -2 \\ 10 & -11 \end{bmatrix}$$
 $B = \begin{bmatrix} -6 & 3 & 5 & 1 \\ 2 & -3 & -11 & -1 \\ 10 & 4 & 9 & 9 \end{bmatrix}$

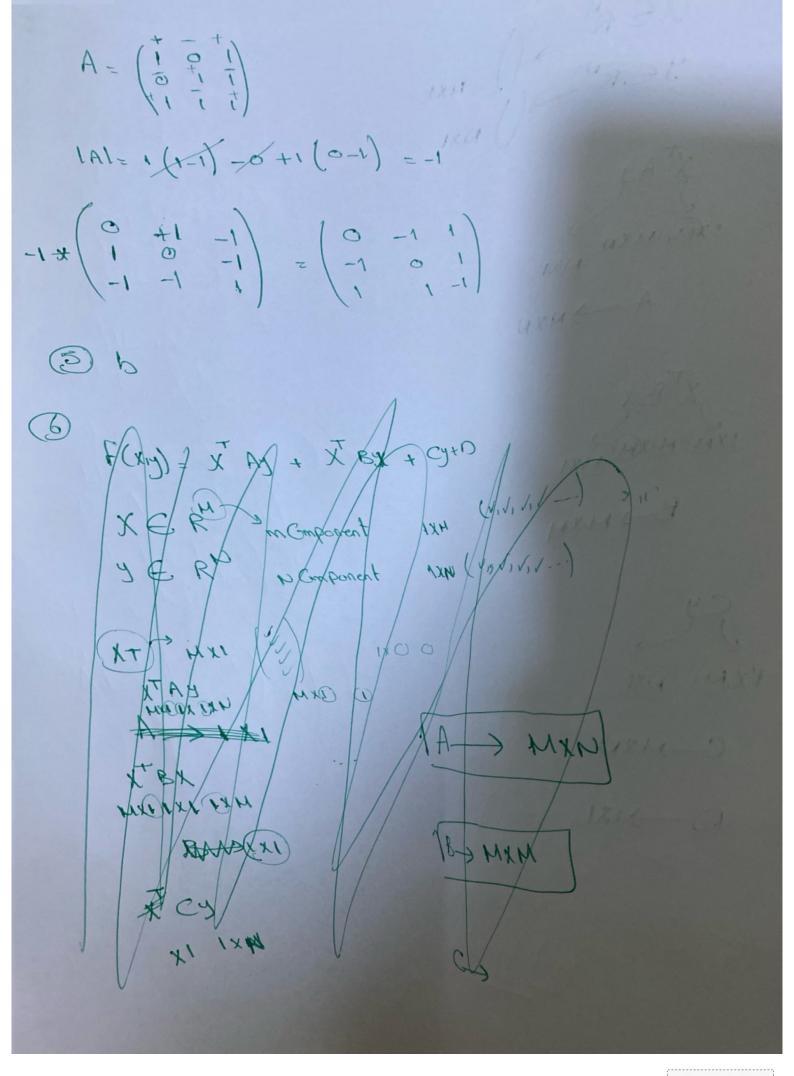
$$2 = \begin{bmatrix} -1 & 1 & -2 \\ -1 & 1 & -2 \\ 0 & 2 & 1 \end{bmatrix} \cdot \begin{bmatrix} -1 & 2 & 0 \\ 0 & +3 & 4 \\ -1 & +2 & 3 \end{bmatrix}$$

$$\begin{bmatrix} 3 & -1 & -2 \\ -1 & 4 & -5 \end{bmatrix}$$

$$BC = \begin{bmatrix} -1 & 2 & 0 \\ 0 & -3 & 4 \\ -1 & -2 & 3 \end{bmatrix} \begin{bmatrix} -3 & 29 & -5 & 7 \end{bmatrix}$$

not possible

 $M = \begin{pmatrix} 15 & 10 \\ 3 & 2 \end{pmatrix}$ MM = 15*2 $H = \begin{pmatrix} \frac{4}{2} & \frac{3}{3} & \frac{1}{3} \\ -1 & 2 & 3 \\ 3 & 2 & -1 \end{pmatrix}$ 2(-2-6)-3(1-9)+1(-2-6) = -16+24-8=2 $A = \begin{pmatrix} -3 & -2 \\ 3 & 3 \end{pmatrix}$ 1Al = (-9+6) = -3 $A^{-1} = \frac{1}{-3} \begin{pmatrix} 3 & 2 \\ -3 & -3 \end{pmatrix} = \begin{pmatrix} -1 & -\frac{2}{3} \\ 1 & 1 \end{pmatrix}$



XER" > () HXI YER" -> () NXI EATR DXI A ->HXN C-) IXI) D->1XI