

me 4 p 18 b

$$b) C.A = \underbrace{\begin{bmatrix} -1 & 0 & 3 \\ 5 & 4 & 10 \end{bmatrix}}_{2 \times 3} \cdot \underbrace{\begin{bmatrix} 2 & 1 & 5 \\ 6 & -3 & 4 \\ 7 & 0 & 8 \end{bmatrix}}_{3 \times 3} \Rightarrow C.A \text{ is } 2 \times 3\text{-matrix}$$

$$= \begin{bmatrix} -2+0+21 & -1+0+0 & -5+0+24 \\ 10+24+70 & 5-12+0 & 25+16+80 \end{bmatrix}$$

$$= \begin{bmatrix} 19 & -1 & 19 \\ 104 & -7 & 121 \end{bmatrix}$$