

Q5 $A \times B$

$$A = \begin{pmatrix} 1 & 1 & 3 \\ 1 & 2 & 2 \\ 1 & 0 & -1 \end{pmatrix}$$

$$B = \begin{pmatrix} 1 & 2 & 3 \\ 4 & 0 & 6 \\ 1 & 3 & -1 \end{pmatrix}$$

$$A \times B = \begin{pmatrix} 8 & 11 & 6 \\ 11 & 8 & 13 \\ 0 & -1 & 4 \end{pmatrix}$$