

MATHEMATICS HOMEWORK

L3 ALL

1. If $A = \begin{bmatrix} 7 & 3 & -5 \\ 0 & 4 & 2 \\ 1 & 5 & 4 \end{bmatrix}$ and $B=3A$; $C=B+2A$.

Find matrix D such that $D=2A+B-C$.

2. Find AB

Where $A = \begin{bmatrix} 1 & -1 & 1 \\ -3 & 2 & -1 \\ -2 & 1 & 0 \end{bmatrix}$ and $B = \begin{bmatrix} 1 & 2 & 3 \\ 2 & 4 & 6 \\ 1 & 2 & 3 \end{bmatrix}$

3. Find A-2B

If $A = \begin{bmatrix} 1 & 4 \\ 2 & 5 \end{bmatrix}$, $B = \begin{bmatrix} -2 & -1 \\ 3 & 0 \end{bmatrix}$