

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