

DO NOT WRITE IN THIS AREA

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26 $\mathbf{A} = \begin{pmatrix} 4 & 3 \\ -2 & 1 \end{pmatrix}$ $\mathbf{B} = \begin{pmatrix} 2 & -3 \\ 1 & 4 \end{pmatrix}$ $\mathbf{C} = \begin{pmatrix} 5 & 2 \end{pmatrix}$

Find

(a) $3\mathbf{A} + 2\mathbf{B}$

$$\begin{pmatrix} & \\ & \end{pmatrix}$$

(2)

(b) \mathbf{AB}

$$\begin{pmatrix} & \\ & \end{pmatrix}$$

(2)

(c) \mathbf{CB}

(2)

(Total for Question 26 is 6 marks)

