

DO NOT WRITE IN THIS AREA

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- 7 Find the inverse of the matrix $\begin{pmatrix} 5 & -3 \\ 4 & -2 \end{pmatrix}$

 $\left(\begin{array}{cc} & \end{array} \right)$

(Total for Question 7 is 3 marks)

- 8 Show that $(2 + \sqrt{6})(\sqrt{3} - \sqrt{2}) = \sqrt{2}$

You must show all your working.

(Total for Question 8 is 3 marks)

