

**Advanced Higher Maths  
SQA 2019 Specimen  
Paper 1 Question 1**

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Matrix  $A$  is defined by  $A = \begin{pmatrix} 5 & 6 \\ -1 & -2 \end{pmatrix}$

- (a) Find  $A^{-1}$  2
- (b) State  $A'$ . 1
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Answers:

(a)  $-\frac{1}{4} \begin{pmatrix} -2 & -6 \\ 1 & 5 \end{pmatrix}$

(b)  $\begin{pmatrix} 5 & -1 \\ 6 & -2 \end{pmatrix}$