Question Number	Scheme	Marks
3(a)	$k(k+5)-6=0$	M1
	$k^2+5k-6=0$	
	$((k-1)(k+6)=0 \Rightarrow)\quad k=1,\ -6$	A1 (2)
(b)	$\frac{1}{"k^2+5k-6"}\begin{pmatrix} k & 2 \\ 3 & k+5 \end{pmatrix}$	M1A1 (2)
		[4]

(a)	
M1	Attempts determinant and sets equal to zero (or equivalent method) to obtain an unsimplified quadratic equation
A1	Correct values for k (may solve the quadratic by any valid means)
(b)	
M1	Forms the matrix of signed minors (must have at least three correct elements) divided or multiplied by an attempt at the determinant
A1	Fully correct inverse