

1	(a)		$(-2, 1)$ $(-4, 1)$ $(-2, 2)$ $(-5, 2)$	B1	Shape labelled A
	(b)		$(1, -4)$ $(3, -4)$ $(1, -5)$ $(4, -5)$	B1	Shape labelled B

2	Vector drawn	M1	for $5 - 2 \times 3 (= -1)$ or $2 - 2 \times -1 (= 4)$ seen as a calculation OR for $\begin{pmatrix} 5 \\ 2 \end{pmatrix} - \begin{pmatrix} 2 \times 3 \\ 2 \times -1 \end{pmatrix}$ OR for $\begin{pmatrix} -1 \\ b \end{pmatrix}$ or $\begin{pmatrix} a \\ 4 \end{pmatrix}$ OR for $\begin{pmatrix} 5 \\ 2 \end{pmatrix}$ or $\begin{pmatrix} -3 \\ 1 \end{pmatrix}$ or $\begin{pmatrix} -6 \\ 2 \end{pmatrix}$ drawn		May be in a column vector Condone missing arrows
		M1	for $\begin{pmatrix} -1 \\ 4 \end{pmatrix}$ OR for $\begin{pmatrix} -1 \\ 4 \end{pmatrix}$ drawn with no arrow or incorrect arrow		
		A1	cao OR for $\begin{pmatrix} -1 \\ b \end{pmatrix}$ or $\begin{pmatrix} a \\ 4 \end{pmatrix}$ drawn with arrow, where $b \neq 4$ and $a \neq -1$		
					For this mark the drawn vector must include an arrow showing direction.

3	$\begin{pmatrix} -9 \\ 14 \end{pmatrix}$	M1	for $2 \begin{pmatrix} 3 \\ 4 \end{pmatrix} - 3 \begin{pmatrix} 5 \\ -2 \end{pmatrix}$ or $\begin{pmatrix} 6 \\ 8 \end{pmatrix}$ and $\begin{pmatrix} 15 \\ -6 \end{pmatrix}$ or $\begin{pmatrix} -9 \\ y \end{pmatrix}$ or $\begin{pmatrix} x \\ 14 \end{pmatrix}$		May be seen in two separate calculations eg $2 \times 3 + -3 \times 5$ and $2 \times 4 + -3 \times -2$ Condone incorrect notation if method is clear for this mark only
		A1	cao		