4	(a)	Simplify $2\begin{pmatrix} 3 \\ -3 \end{pmatrix} - 3\begin{pmatrix} 2 \\ 2 \end{pmatrix}$ .	[2]
	(b)	The vector <b>a</b> is defined by $\mathbf{a} = r \binom{6}{-3} + s \binom{-1}{2}$ , where $r$ and $s$ are constants.	

Determine two pairs of values of r and s such that **a** is parallel to the y-axis and  $|\mathbf{a}| = 3$ . [5]

(6) (-1)