\0/	a and b can vary, point B has position vector	$\begin{pmatrix} 4\\2\\0 \end{pmatrix}$ and point C has
position vector $\begin{pmatrix} 2\\4\\2 \end{pmatrix}$. ABC is an isosceles triangle with AC = AB.		
(i) Show that $a - b + 1 = 0$.		[4]
(ii) Determine the position vector of A	such that triangle ABC has minimum area.	[6]