Answer all ELEVEN questions.

Write your answers in the spaces provided.		
You must write down all the stages in your working.		
1	Referred to a fixed origin O , the point A has position vector $(4\mathbf{i} + 3\mathbf{j})$ and the point B has position vector $(\mathbf{i} + 7\mathbf{j})$	
	(a) Find \overrightarrow{AB} as a simplified expression in terms of i and j	
	\rightarrow	(2)
	(b) Find a unit vector that is parallel to \overrightarrow{AB}	(2)
		(-)
	(Total for Question 1 is 4 marks)	

