2	A student was given a box of identical glass microscope slides and asked to determine the density of the glass. She used a micrometer to measure the thickness of one of the slides. She repeated this measurement twice in different places and calculated a mean value for the thickness. The thickness of each slide was approximately 1 mm.	
	(a) Explain how she should have measured the thickness of the slides in order to	
	minimise the percentage uncertainty.	(2)
		(-)
	(b) In her report she wrote	
	"My value for the mass of the glass slides was precise, because I measured the mass using an electronic balance which was accurate to the nearest 0.01g. I reduced the effect of random error by repeating the measurement several times."	
	Comment on this statement.	
		(4)
(Total for Question 2 = 6 marks)		