1.	A study was made of adult men from region A of a country. It was found that their heights were normally distributed with a mean of 175.4 cm and standard deviation 6.8 cm.	
	(a) Find the proportion of these men that are taller than 180 cm.	(1)
	A student claimed that the mean height of adult men from region $B$ of this country was different from the mean height of adult men from region $A$ .	
	A random sample of 52 adult men from region B had a mean height of 177.2 cm	
	The student assumed that the standard deviation of heights of adult men was $6.8 \mathrm{cm}$ both for region $A$ and region $B$ .	
	(b) Use a suitable test to assess the student's claim. You should	
	state your hypotheses clearly	
	• use a 5% level of significance	(4)
	(c) Find the <i>p</i> -value for the test in part (b)	(1)