Answer all TEN questions

Write your answers in the spaces provided

You must write down all the stages in your working

1	(a) Show that $\sum_{r=1}^{n} r = \frac{n}{2}(1+n)$	(2)
	(b) Hence find the sum of all the integers from 1 to 100 inclusive that are not multiples	

of 7	(3)

Question 1 continued	
	(Total for Question 1 is 5 marks)

