4	The surface area of a sphere with radius r cm is increasing at a constant rate of 50π cm ² /s Find, in cm ³ , the exact volume of the sphere at the instant when the rate of increase	
	of r is $\frac{5}{12}$ cm/s	(8)
•••••		

Question 4 continued		
(Total for Question 4 is 8 marks)		
(20mi tot Vuonnon 1 m o mutius)		

