	End	(Total 5 marks)
0 1 . 3	Explain your reasoning.	[1 mark]
	Time taken seconds	
0 1 . 2	Predict how long you would expect the reaction to take.	[1 mark]
	The reaction was repeated with the same volumes of reactants, but this time the concentration of hydrochloric acid used was 1 mol/dm ³ .	
	3	
	2	
	1	
	State three ways in which the rate of reaction could be increased.	[3 marks]
	The reaction was carried out, 25cm³ of each reactant was used, with a concentration of 0.5 mol/dm³, and the reaction took 30 seconds to complete.	
	The rate of reaction was measured by measuring the time taken for to turn cloudy.	or the reaction
0 1 . 1	· · · · · · · · · · · · · · · · · · ·	ılphur + sulfur oxide
	The equation for the reaction is:	
0 1	Sodium thiosulphate solution reacts with hydrochloric acid to produce insoluble sulfur.	