

**Experiment 37.2: To investigate effect of concentration on the rate of a reaction – Reaction between sodium thiosulphate solution and dilute hydrochloric acid**

<b>Volume of thiosulphate solution / cm<sup>3</sup></b>	<b>Volume of water added / cm<sup>3</sup></b>	<b>Time / s</b>	<b>1/time / s<sup>-1</sup></b>
20	0	<b>36.5</b>	<b>0.0274</b>
16	4	<b>42.8</b>	<b>0.0234</b>
12	8	<b>59.6</b>	<b>0.0168</b>
8	12	<b>91.5</b>	<b>0.0109</b>
4	16	<b>168.9</b>	<b>0.0059</b>