						<u> </u>
[I <sup>-</sup> ] Effect Initial Co		n flask:	$[S_2O_3]$	<sup>2-</sup> ]		[H <sub>2</sub> O <sub>2</sub> ]
Flask 1 2	Initial [I <sup>-</sup> ]		<b>L</b>	Time of clock reaction in s		Rate
3 4						
Attach graph of ln (Rate) vs. ln [I-]			]	Slope of best	straight line	
			Order	of reaction: wit	th respect to	I
[H <sub>2</sub> O <sub>2</sub> ] Ef	fect: ncentrations in	n flagle	$[S_{\alpha}O_{\alpha}]^2$	·-]		[1-]
minai Coi Flask 1	Initial [H <sub>2</sub> O <sub>2</sub> ]		[3203	Time of clock reaction in s		[I <sup>-</sup> ]
2 3 4						
Attach graph of ln (Rate) vs. ln [H <sub>2</sub> O <sub>2</sub> ]				Slope of best straight line		
			Ondon	of monotion wit	h waamaat ta 1	II.O
			Order	of reaction with	n respect to i	H <sub>2</sub> O <sub>2</sub>
Calculate	rate constant	(k) using the	ne orders	of the reaction	determined a	above:
	Flask #	1	2		3	4
	fect trials					