Name: Date:

REACTION KINETICS

TEMPERATURE-DEPENDENT DECOMPOSITION OF THIOSULFURIC ACID (10B)

RECORD SHEET

Balanced chemical equation:

Experimental data and relevant calculations:

	$t/^\circ C$	$\Delta t/s$	T/K	T^{-1}/K^{-1}	$\Delta t^{-1}/s^{-1}$	$\ln(\Delta t^{-1}/s^{-1})$
I.						
II.						
III.						
IV.						
V.						

Graph preparation:

The graph of $\ln(1/\Delta t)$ *vs* $1/T$ should be attached.

Slope	
Intercept	

$$E_A \;=\; \boxed{}$$

Relevant calculations: