Stopped Flow Kinetics: Ascorbic Acid

Name _____ (individual)

Ao _____ A_∞ _____-

time (sec)*	A_t (absorb.)	$\frac{A_t - A_\infty}{A_o - A_\infty}$	$\ln([DCIP]/[DCIP]_o)$	$\frac{1}{[DCIP]/[DCIP]_o}$

* you can attach your spreadsheet with this data if you would prefer.

Slope = _____ ± _____

k = _____ ± _____ units _____

Include your two kinetics plots and your Arrhenius plot:

T (K)	k	1/T	ln k

Slope _____ ±_____ units _____

Intercept _____ ±_____ units _____

Ea _____ ±_____ units _____

A _____ ±_____ units _____