

Kinetics I Quiz**Name:** _____May I post your solution? Yes No Yes, but redact my nameConsider the following rate data for the reaction: **A + B → C**

Experiment	[A] _o (M)	[B] _o (M)	Initial Rate (M/s)
1	0.100	0.200	0.001762
2	0.100	0.400	0.003524
3	0.400	0.200	0.001762

Determine the value of the rate constant (*k*) for this reaction, including the units.**Kinetics I Quiz****Name:** _____May I post your solution? Yes No Yes, but redact my nameConsider the following rate data for the reaction: **A + B → C**

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