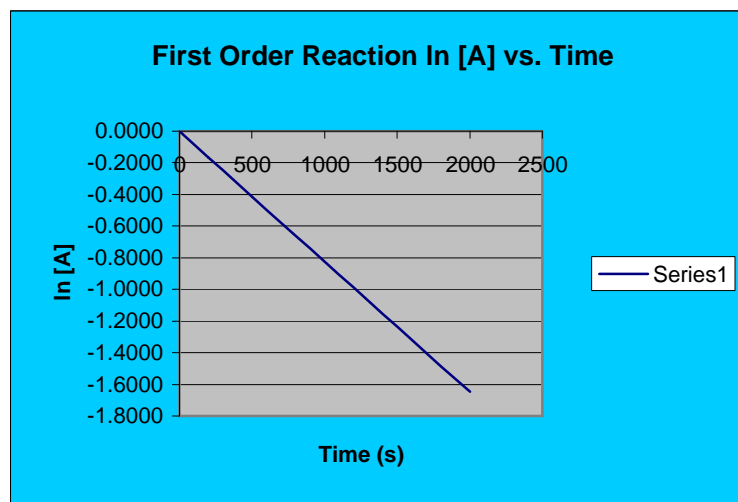
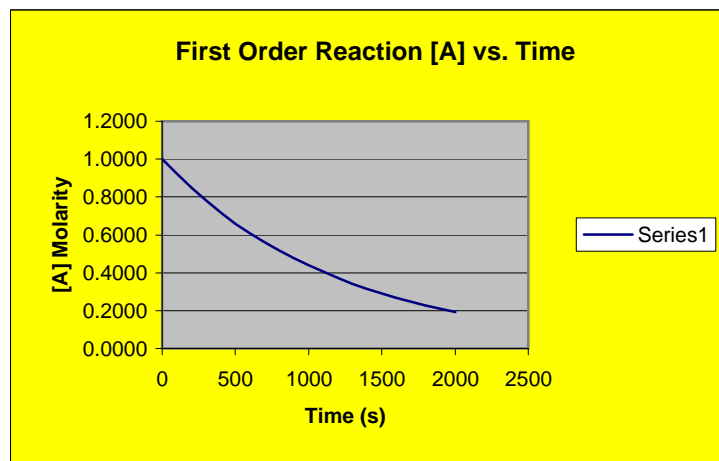


## First Order Reaction

(Graph 1) (Graph 2)

Time (s)	[A] M	ln [A] M
0	1.0000	0.0000
200	0.8480	-0.1649
400	0.7170	-0.3327
600	0.6090	-0.4960
800	0.5180	-0.6578
1000	0.4390	-0.8233
1200	0.3730	-0.9862
1400	0.3150	-1.1550
1600	0.2670	-1.3205
1800	0.2270	-1.4828
2000	0.1930	-1.6451

Temp: 25 C  
Time Interval: 200s  
Initial Conc. 1.0 M



## Second Order Reaction

(Graph 3) (Graph 4)

Time (s)	[A] M	ln [A] M	1/[A]
0	0.6	-0.511	1.667
80	0.463	-0.770	2.160
160	0.377	-0.976	2.653
240	0.319	-1.143	3.135
320	0.276	-1.287	3.623
400	0.243	-1.413	4.115
480	0.217	-1.528	4.608
560	0.196	-1.630	5.102
640	0.179	-1.720	5.587
720	0.165	-1.802	6.061
800	0.153	-1.877	6.536

Temp: 25 C  
Time Inter 80 s  
Initial Conc 0.6

