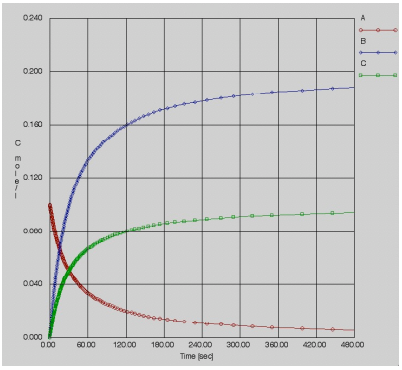
Chemistry 116 General Chemistry II	Kinetics Practice Web Graphs Answers



Graph #1

$A \rightarrow B$	First order in A	$k = 0.50\ sec^{-1}$

Graph #2

$A \rightarrow 2\ B + C$	Zero order in A	$k = 0.0033\ M \bullet sec^{-1}$

Graph #3

$2\ A \rightarrow B$	Second order in A	$k = 0.125\ M^{-1} \bullet sec^{-1}$

Graph #4

$A \rightarrow 2\ B$	Second order in A	$k = 0.125\ M^{-1} \bullet sec^{-1}$

Graph #5

$2\ A \rightarrow B$	First order in A	$k = 0.49\ sec^{-1}$

Graph #6

$A \rightarrow 2\ B$	First order in A	$k = 0.49\ sec^{-1}$

Graph #7

$A \rightarrow B$	Second order in A	$k = 0.33\ M^{-1} \bullet sec^{-1}$

Graph #8

$A \rightarrow 2\ B + C$	Second order in A	$k = 0.33\ M^{-1} \bullet sec^{-1}$

Graph #9

$3\ A \rightarrow 2\ B$	First order in A	$k = 0.50\ sec^{-1}$