

The following nonelementary reaction
 $2A + 2B \rightarrow C$,
is conducted in an isothermal 2 liters constant volume batch reactor. The following data has been obtained:

C_A (mol/L)	C_B (mol/L)	$-r_A$ (mol/L.s)
12	34	1.6
36	34	14.4
12	68	3.2
12	272	12.8
144	34	230.4

Use the power law to determine the values of the constants.

Use Polymath, considering a nonlinear model and a multiple linear model.