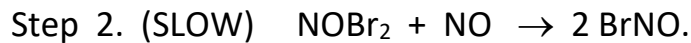


Looping.



Find Rate Law.

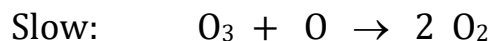
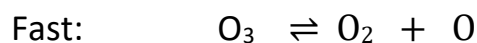


Draw a loop around everything up to but NOT INCLUDING the products of the rate determining (slow) step.

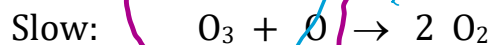
Cross out substances that appear equally on both sides of the equations.

Rate = k times everything remaining on the LEFT, over anything remaining on the right. $\text{Rate} = k[\text{NO}]^2[\text{Br}_2]$

Another one.



Getting the rate Law.



Rate = k $[\text{O}_3]^2 / [\text{O}_2]$ There are 2 O_3 remaining on the left, and one O_2 on the right.