

Kinetics Worksheet 2

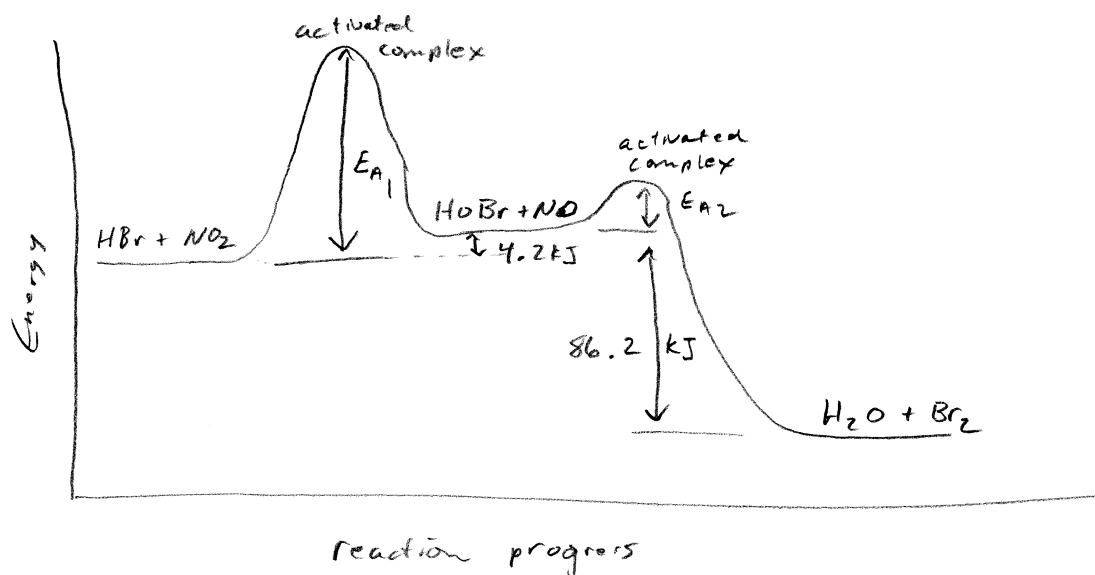
① reaction mechanism

- the elementary steps that explain the overall reaction process

intermediate

- a molecule or ion that appears in the reaction mechanism but not in the overall net reaction

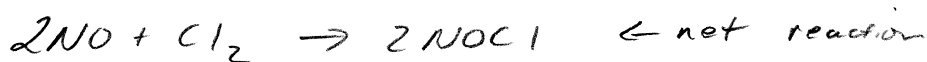
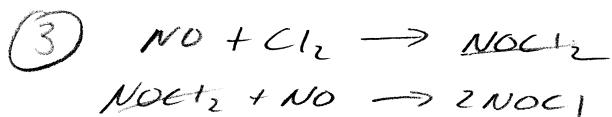
② (a)



E_{A1} - activation energy for first step
 E_{A2} - activation energy for second step

(b) HOBr is an intermediate

- it is produced in step one and used in step two
 - it does not appear in the net reaction



intermediate: NOCl_2