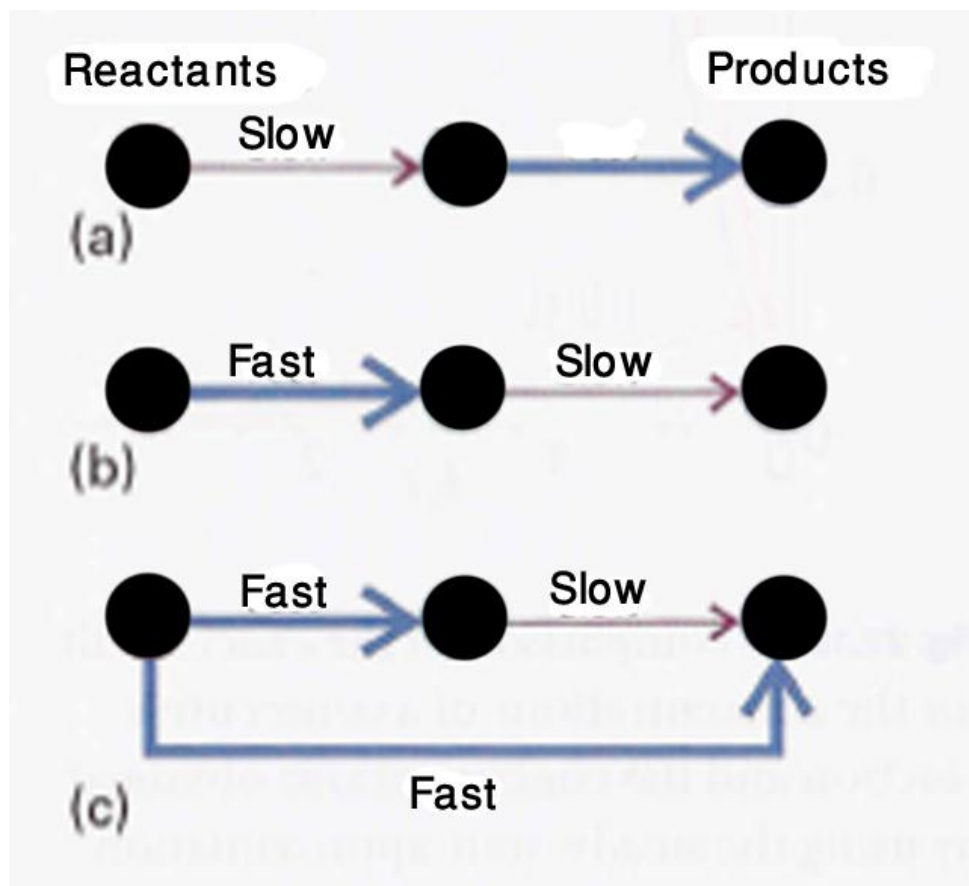


Rate-determining step of a reaction (RDS)

The **rate-determining step** is: not just the **slowest** step, it must be slow *and* be an essential **gateway** for the formation of products.



Rate-determining step of a reaction (RDS)

The **slowest step** is the one with the **highest activation energy**

