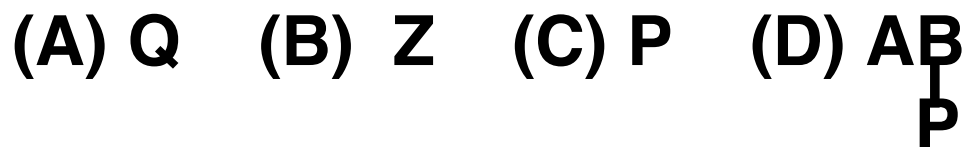
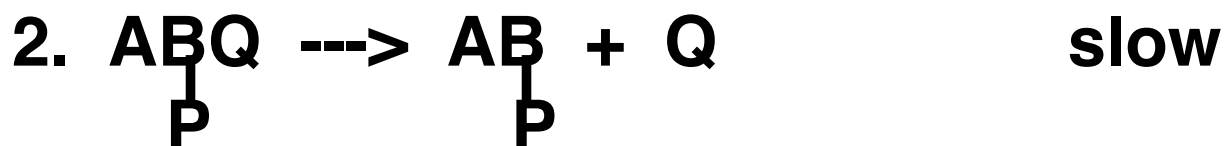
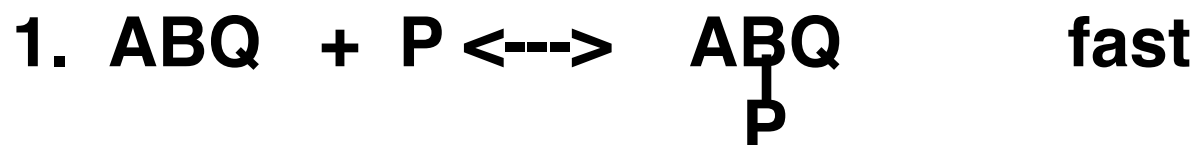


1. For the following reaction, find a catalyst.



Elementary Steps:



2. Find the intermediate NOT listed in #1.



3. Find the rate law