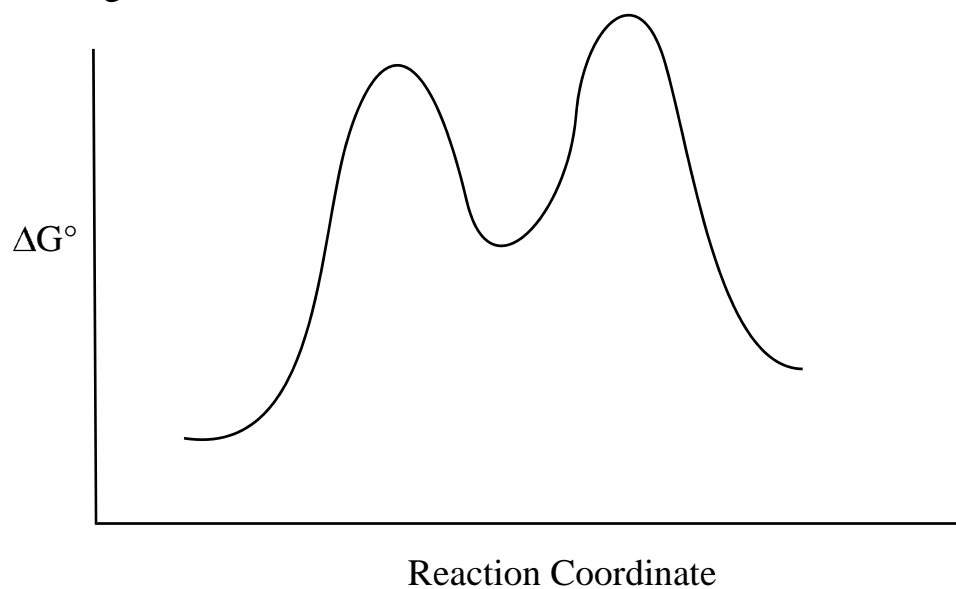


Ex 34 - Reaction Profile diagrams

Question One

Answer the following questions about the reaction with the following reaction profile diagram.



How many steps?

2 steps

Which step is rate-determining?

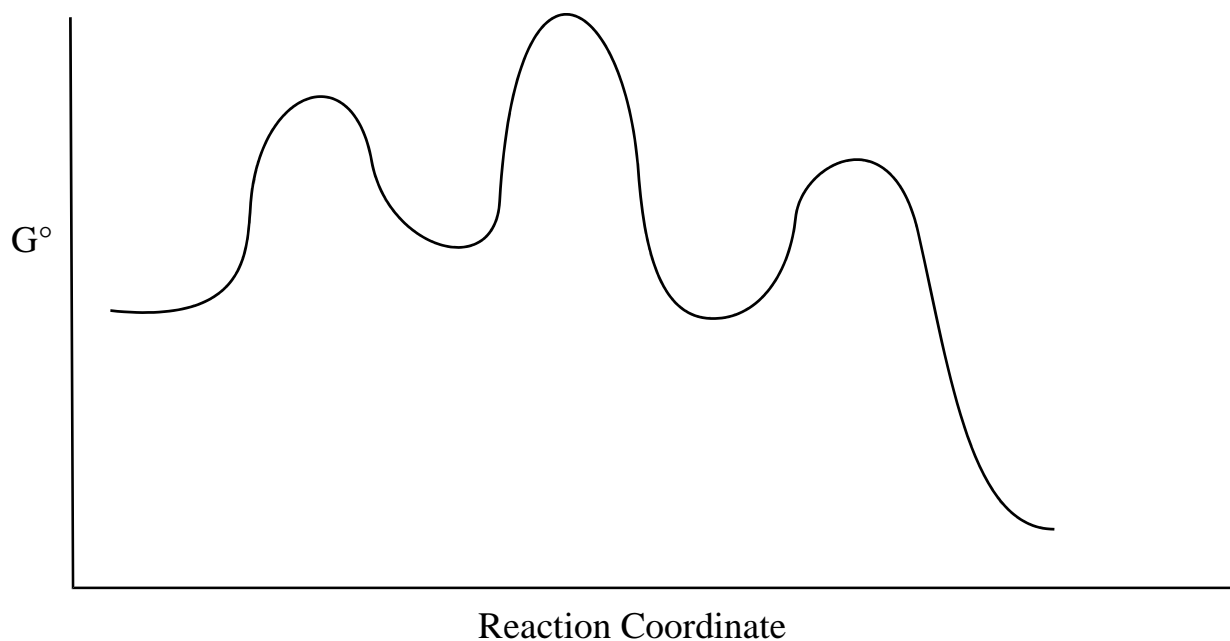
The first step.

Reactant or product favoured?

Reactant favoured.

Question Two

Sketch a reaction profile diagram for a reaction that has three steps, the second of which is rate determining, and is product favoured.



Question Three

Sketch a reaction profile diagram for the following process, used to prepare alkyl bromides from alkenes.

1)

