

Quiz 7.2 – Reaction Kinetics

Name: Key

Question 1

What are the two requirements for a molecular collision to lead to a reaction?

- 1) Proper Orientation
- 2) Sufficient energy

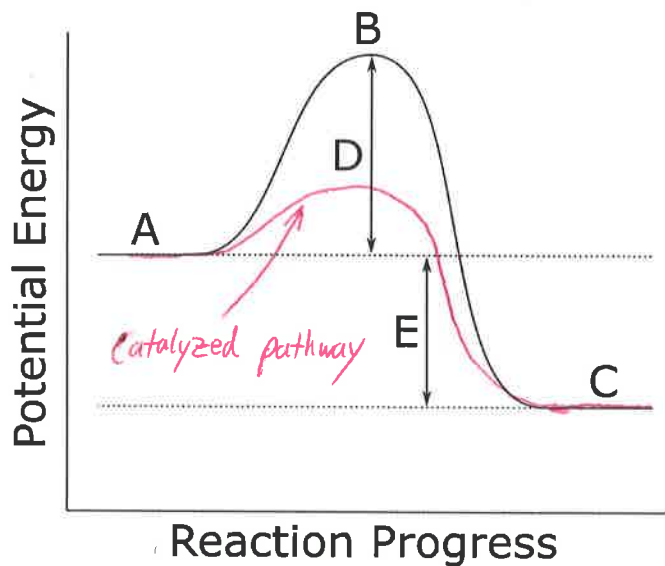
Question 2

Give three ways you can increase the reaction rate of a reaction?

- 1) Increase concentrations
- 2) Increase temperature
- 3) Add a catalyst

Question 3

Identify each of the indicated parts of the reaction coordinate diagram below



- A) Reactants
- B) Transition State
- C) Products
- D) Energy of Activation
- E) Energy of Reaction (ΔH or ΔG)

Question 4

On the reaction coordinate diagram above, draw a curve showing what might change if a catalyst is introduced