

Name _____ Period _____

College Prep Chemistry of the Earth

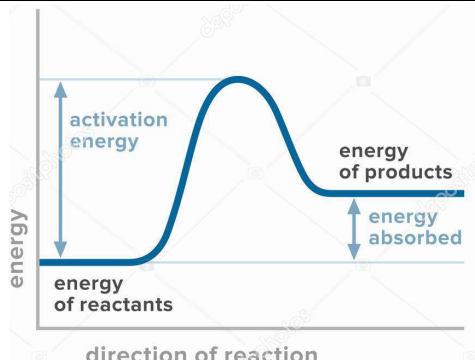
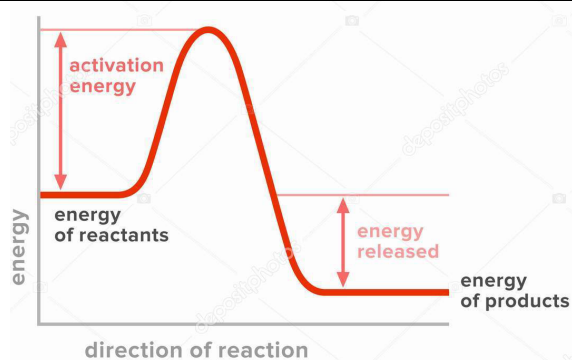
Assignment 5R – Energy of Chemical Reactions

20 Points

Define the following terms for chemical reactions

Exothermic Reaction	Endothermic Reaction
Spontaneous Reaction	Non-Spontaneous Reaction
Activation Energy	Catalyst

Analyze the following graphs and answer the questions below

Exothermic Reaction Graph		Endothermic Reaction Graph	
			
Energy change during reaction		Energy change during reaction	
Reaction Spontaneous or Non-Spontaneous?		Reaction Spontaneous or Non-Spontaneous?	
Is energy required to...		Is energy required to...	
Start Reaction?	Continue Reaction?	Start Reaction?	Continue Reaction?