Name	Period
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College Prep Chemistry of the Earth

Assignment 5R – Energy of Chemical Reactions Define the following terms for chemical reactions

20 Points

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

Analyze the following graphs and answer the questions below

Exothermic R	eaction Graph	Endothermic Reaction Graph	
activation energy energy of reactants direction of re	energy of products energy absorbed	energy of reactants direction of reaction	energy released energy of products
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?