

HW4: Analyzing Energy Diagrams

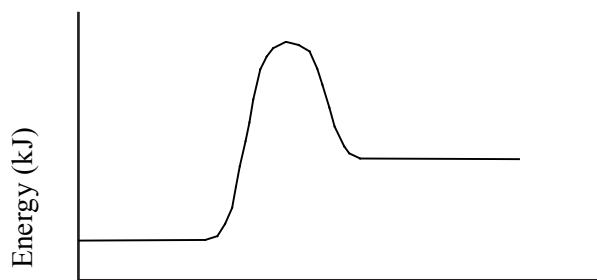
Name: _____

Date: _____ Per: _____

Directions: Use the graphs below to answer the questions that follow.

GRAPH 1

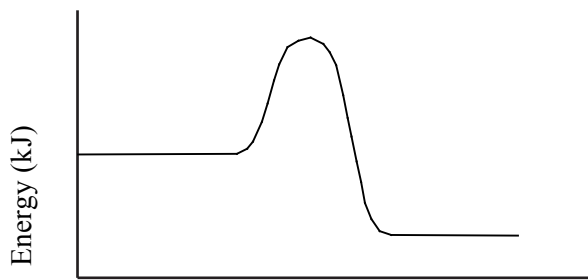
Energy as a Function of Reaction Progress



Reaction Progress

GRAPH 2

Energy as a Function of Reaction Progress



Reaction Progress

1. Label the following on each graph: reactants, products, activation energy.
2. In Graph 1, what happens to the amount of energy as the reaction progresses?
3. In Graph 2, what happens to the amount of energy as the reaction progresses?
4. Is Graph 1 showing an endothermic or exothermic reaction?
5. Is Graph 2 showing an endothermic or exothermic reaction?