

Part 1: Use: textbook pg. 6-10 Define the following terms:

1. Physical Change

2. Chemical Change

3. Chemical Property

4. Physical Property

Part 2: Use: CH 8: *Signs of a chemical reaction* List the signs or LINK: on my website

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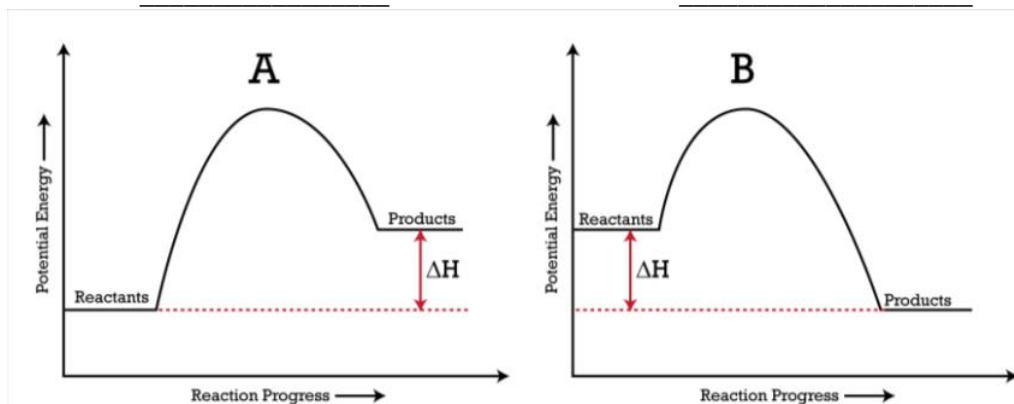
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- Define precipitate:

Part 3: Energy of Reactions: Label each as either Exothermic or Endothermic



Compare the energy of the reactants to the energy of the products

Draw arrows representing the direction of energy flow.



The system _____

Heat (energy) from the surroundings



The reaction _____

Heat (energy) to the surroundings

Part 4: From the textbook pg: 276-283. Complete the chart

Synthesis reaction:

Define:	
General formula:	
How to recognize	
Define:	<u>Decomposition reaction:</u>
General formula:	
How to recognize	

Special Decomposition: write the general products

Binary compound →

Metal Carbonate →

Metal hydroxide →

Metal chlorates →

Oxyacids →

Double Replacement reaction:

Define:	
General formula:	
How to recognize	

Single Replacement reaction:

Define:	
General formula:	Anion: Cation:
How to recognize	

Combustion reaction:

Define:	
General formula:	
How to recognize	