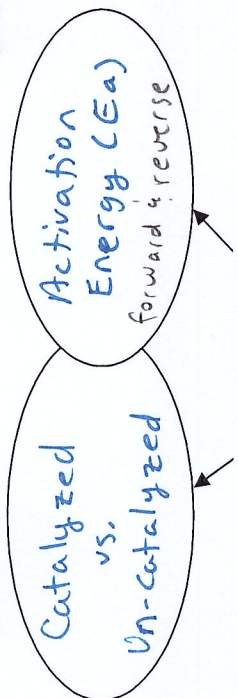
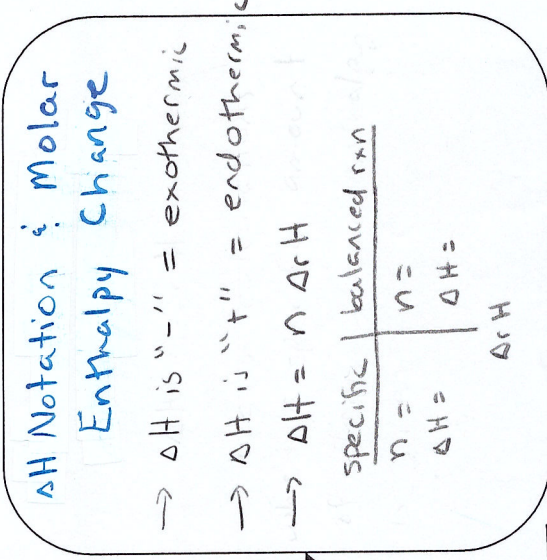
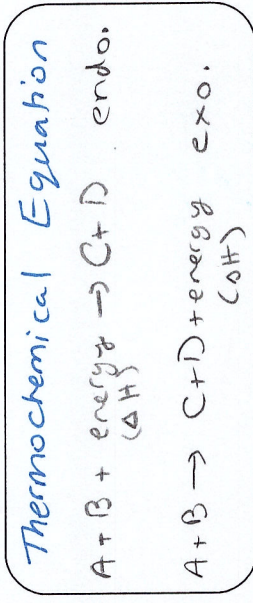
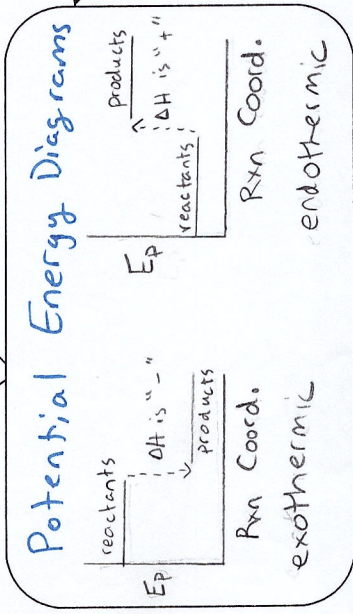


Thermochemistry Concept Map

- * bond energy
- * photosynthesis & cellular respiration
- * phases of water in rxns



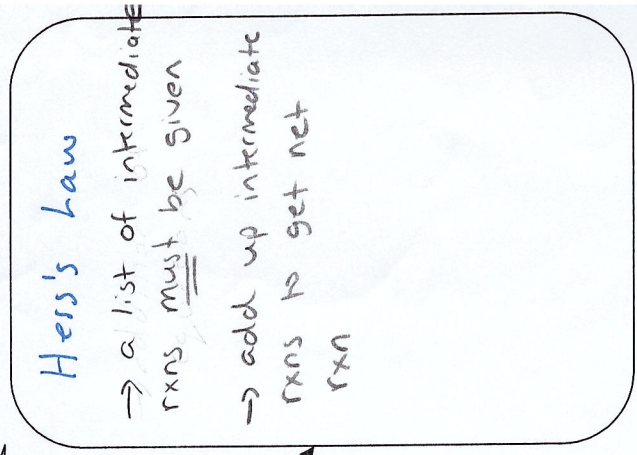
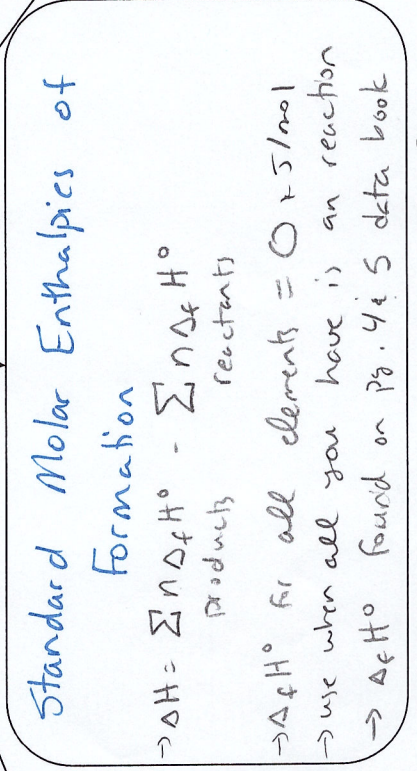
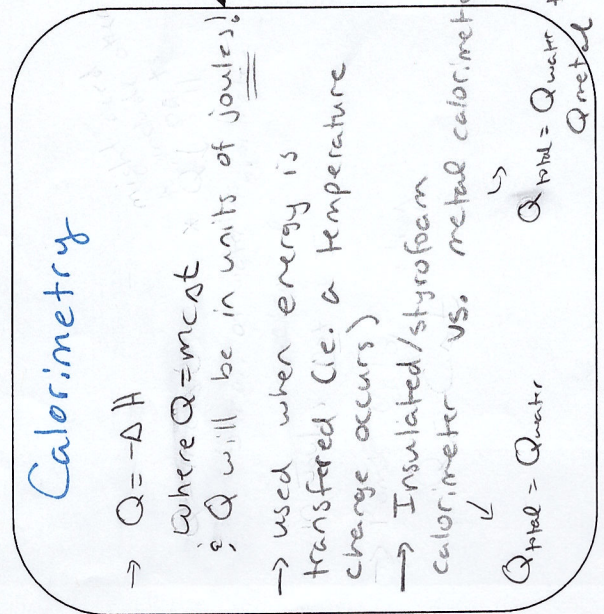
also includes



Ways to express ΔH

Enthalpy Change (ΔH)

Ways to calculate ΔH



Unit 5 Review

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- Endothermic vs Exothermic: # 1, 3, 6
- Photosynthesis vs Cellular Respiration: #7
- Specific Heat Capacity: #11
- Potential Energy Diagram: #12, 19, 20, 33, 42, 45
- Thermochemical Equations: #12, 19, 25, 32, 33, 41, 42
- Activation Energy and Catalysts: #16-20, 45
- Calorimetry: #30, 32, 44
- Molar Enthalpy Change: #32-34, 42
- Hess's Law: #37, 38
- Molar Enthalpies of Formation: #39, 40, 41
- Overall/ Application Questions: #35, 44(Efficiency = [energy output/energy input] x 100%)