

Free Energy

Pre-lesson assignment p.365-369

Define the following terms

- Feasibility
- Free energy change

Make notes on Free Energy

1. Write the Gibbs' equation and explain how the value of ΔG shows whether a reaction is feasible.
2. Show how the feasibility of a reaction can be calculated from the enthalpy and entropy.
3. Show how the temperature at which ΔG is 0 can be calculated.
4. What limitations are there to the prediction of feasibility?