Enthalpy, Entropy, Free Energy and Equilibrium Research.

1. Define the above terms.
2. What is a spontaneous process?
3. How is Entropy related to probability?
4. How are Entropy and temperature related?
5. What are Standard Molar entropies?
6. What are Standard Entropies of reactions?
7. What is the 2nd Law of Thermodynamics?
8. How are the 2nd Law of Thermodynamics related to entropy?
9. What is Free energy? How can you calculate it?