**Name: Period: Date:**

**Focus Questions for Chapter 8.2 due Tuesday, 11/5**

# Questions to answer as you watch the videos and/or read about free energy. You will not be asked to turn these in, but Ms. Ransom may check to make sure you have completed them through a clicker quiz or short written response. You should be ready to discuss the answers during class.

1. What is free energy?
2. Write the equation for free energy and define the variables involved.
3. How can G predict the spontaneity of a reaction?
4. Describe the relationship between G and equilibrium.
5. Distinguish between an endergonic and an exergonic reaction. Give an example of each.
6. Explain why a living cell is never in equilibrium.

**Questions I have, that I plan to ask about in class:**