**Name: Period: Date:**

**Focus Questions for Chapter 9.2-3 (Aerobic Cellular Respiration) due Wednesday, 3/26**

# Questions to answer as you read about aerobic cellular respiration. 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 do **oxidative phosphorylation** and **substrate-level phosphorylation** mean? How do they differ? *Yes, this is technically in section 9.1, but it’s important…*
2. Briefly describe the process of **glycolysis**.   
     
   1. What are the ***inputs****?*
   2. What are the ***outputs***?
3. Briefly describe the process of the **citric acid cycle (Krebs cycle)**.   
     
   1. What are the ***inputs****?*
   2. What are the ***outputs***?
4. The final stage of aereobic cellular respiration is the electron transport chain and chemiosmosis. We already talked about this in photosynthesis, but be aware that it happens in respiration too. If you don’t remember what this process means, you might want to take a look at section 9.4.

What is the purpose of chemiosmosis in cellular respiration?

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