

Chapter 9 - Cellular Respiration: Review Questions

1. What does anaerobic mean?
2. What is the difference between respiration and cellular respiration?
3. What molecule captures the energy from cellular respiration?
4. What is the relationship between cellular respiration and photosynthesis?
5. Where in the cell do cellular respiration and photosynthesis occur?
6. Be able to write the equations for cellular respiration and photosynthesis.
7. In redox reactions, the loss of electrons is called _____ and the gain of electrons is called _____.
8. What key enzyme is important in CPT?
9. What does NADH do?
10. What is the purpose of the electron transport chain?
11. What are the names of the three stages of CPT in which order do they occur?
12. Where in the mitochondria do these three stages occur?
13. What are the end products of glycolysis?
14. In what types of cells does glycolysis occur?
15. What are the end products of the citric acid cycle?