

Biology Chapter 9: Glycolysis worksheet

1. Order the steps of cellular respiration from the first to the third step. Which cycle is NOT part of cellular respiration?

_____ Krebs Cycle

_____ Glycolysis

_____ Fermentation

_____ Electron Transport Chain (ETC)

2. What is the definition of glycolysis?

3. How much energy is needed to start the process of glycolysis?

4. How much energy is produced?

5. What is the net gain in energy?

6. Four high energy electrons are transferred to what carrier molecule?

7. What is nicotinamide adenine dinucleotide?

8. What is the purpose of NADH?

9. What are the two advantages of glycolysis?

A.

B.

10. What is a disadvantage of glycolysis?