

Name _____ Date _____ Period _____

1. What is the chemical equation for aerobic respiration?
2. Draw the diagram that is on the board below and fill it in as you view [Biology Professor Cellular Respiration](#). You may do this in a class notebook instead if you wish.

3. We will watch [this glycolysis video](#) to examine the steps of glycolysis in more detail. What are the functions of each of the following types of enzymes used in glycolysis?

Kinase:

Isomerase:

Lyase:

Dehydrogenase:

mutase:

4. What are the products of glycolysis starting with one glucose? Which of the products will go into the mitochondria to complete aerobic respiration (using oxygen)?