Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_\_\_

**Breaking Down the Steps of Cellular Respiration**

AP Biology

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Process** | **Overall Description**(including reactants, products, and enzymes or structures used)  | **Location in Cell or Mitochondrion** | **Amount of ATP Produced and Type of ATP Production**  | **Electron Carriers Produced or Used** | **What is Oxidized?** | **What is Reduced?** |
| **Glycolysis** |  |  |  |  |  |  |
| **Creation of Acetyl CoA** |  |  |  |  |  |  |
| **Kreb’s Cycle / Citric Acid Cycle** |  |  |  |  |  |  |
| **Electron Transport Chain / Chemiosmosis** |  |  |  |  |  |  |