**Honors Biology**

**Photosynthesis Overview**

Name:

What form of energy can the cell use?

What is the process that creates sugar out of sunlight, CO2, and H2O?

What organisms perform the above process?

What is the process that creates ATP from sugar?

What organisms do the above process?

What makes a cell a eukaryote?

In what kind of cells would you expect to find the most chloroplast? Why?

Diagram a chloroplast:

What is the basic equation for photosynthesis?

What is the point of each stage of photosynthesis

Diagram a Thylakoid membrane: