Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Photosynthesis/ Respiration Review**

What is an autotroph? Give an example.

What is a heterotroph? Give an example.

**Photosynthesis**

* What happens during photosynthesis?
* What is the formula?
* What are the reactants?
* What are the products?
* Who does it benefit? How?
* How is energy related to photosynthesis? Describe what happens?
* How/where does the plant get the necessary gasses in and release the waste?

**Respiration**

* What happens during cellular respiration?
* What is the formula?
* What are the reactants?
* What are the products?
* What is ATP? How does it benefit the cell?
* What organelle creates the most energy?
* Explain what happens if a cell needs energy and there is no oxygen?

Describe how the levels of carbon dioxide and oxygen kept constant in the atmosphere?