

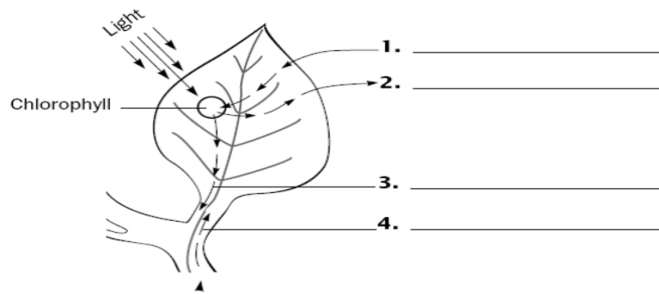
Name: \_\_\_\_\_

### Comparing and Contrasting Photosynthesis and Cellular Respiration

#### Photosynthesis:

Fill in the diagram below, which shows the general products and reactants of photosynthesis.

Carbon Dioxide      Glucose      Oxygen      Water



5. What are the reactants of photosynthesis?  
\_\_\_\_\_  
\_\_\_\_\_
6. What are the products of photosynthesis?  
\_\_\_\_\_  
\_\_\_\_\_
7. Write the overall equation for photosynthesis on the line below. Label the reactants and products.  
\_\_\_\_\_

#### Cellular Respiration:

8. The purpose of cellular respiration is to \_\_\_\_\_(store/release) the energy from carbohydrates and other organic molecules stored during photosynthesis.
9. What are the reactants of cellular respiration?  
\_\_\_\_\_  
\_\_\_\_\_
10. What are the products of cellular respiration?  
\_\_\_\_\_  
\_\_\_\_\_