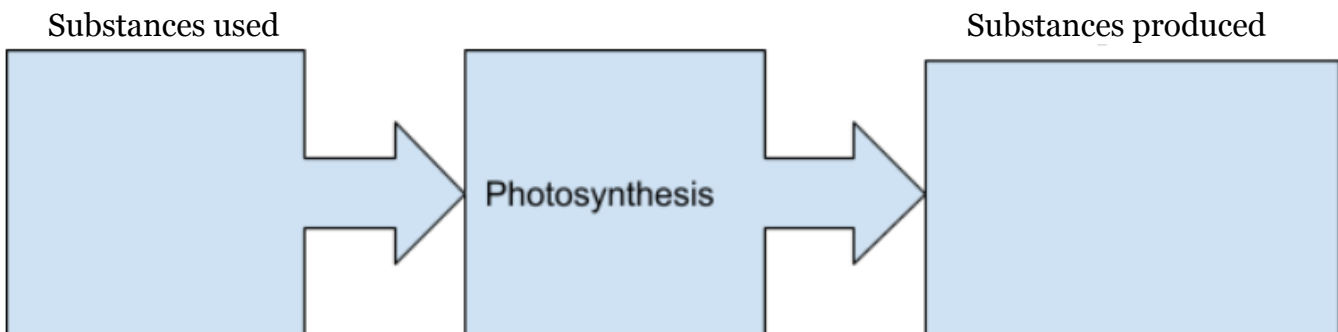


Name: _____

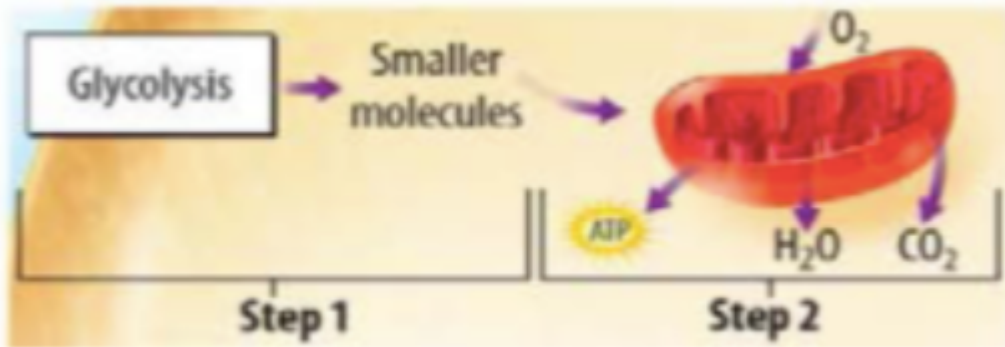
Period: _____

Cells and energy: 2.4 review

1. **Define** *glycolysis* using your own words.
2. **Distinguish** between cellular respiration and fermentation.
3. The process used by plants to convert light energy into food energy is _____.
4. Which contains pigments that absorb light energy?
 - a. mitochondria
 - b. nucleus
 - c. chloroplasts
 - d. vacuole
5. **Relate** mitochondria to cellular respiration.
6. **Describe** the role of chlorophyll in photosynthesis.
7. **Give an example** of how fermentation is used in the food industry.
8. **Fill** in the graphic organizer below to identify the substances used and produced in photosynthesis:



9. **Summarize** the steps of cellular respiration using the image below.



Step 1:

Step 2:

10. **Summarize** the roles of glucose and ATP in energy processing.