

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

### PHOTOSYNTHESIS STARTS WITH

1. Molecules that collect light energy are called P \_\_\_\_\_ .
2. Chlorophyll a and b absorb B \_\_\_\_\_ - V \_\_\_\_\_ and R \_\_\_\_\_ wavelengths of light best.
5. C \_\_\_\_\_ is the main light absorbing pigment found in green plants.
3. Plants "look" green because chlorophyll R \_\_\_\_\_ green light.
4. Organisms, like green plants, that can make their own food using energy from the sun are called A \_\_\_\_\_ .
5. The gel-filled space inside the chloroplast surrounding the thylakoid stacks is called the S \_\_\_\_\_ .
6. P \_\_\_\_\_ I and II contain chlorophyll and absorb light energy during the L \_\_\_\_\_ D \_\_\_\_\_ reactions.
7. During the light dependent reactions, H<sup>+</sup> ions build up in the T \_\_\_\_\_ space when W \_\_\_\_\_ molecules are split.

8. The enzymes for the light dependent reactions are found \_\_\_\_\_  
 compare and discuss how animal cells and plant cells store energy and release energy. Be specific!

1. Comp

are lactic acid fermentation and alcoholic fermentation by describing what is produced. Be sure  
 e what type of organism each one takes place in.

2. Comp  
 to includ

	<u>What is produced?</u>	<u>Organism:</u>
Alcoholic Fermentation		
Lactic Acid Fermentation		

Alcohol
Lactic