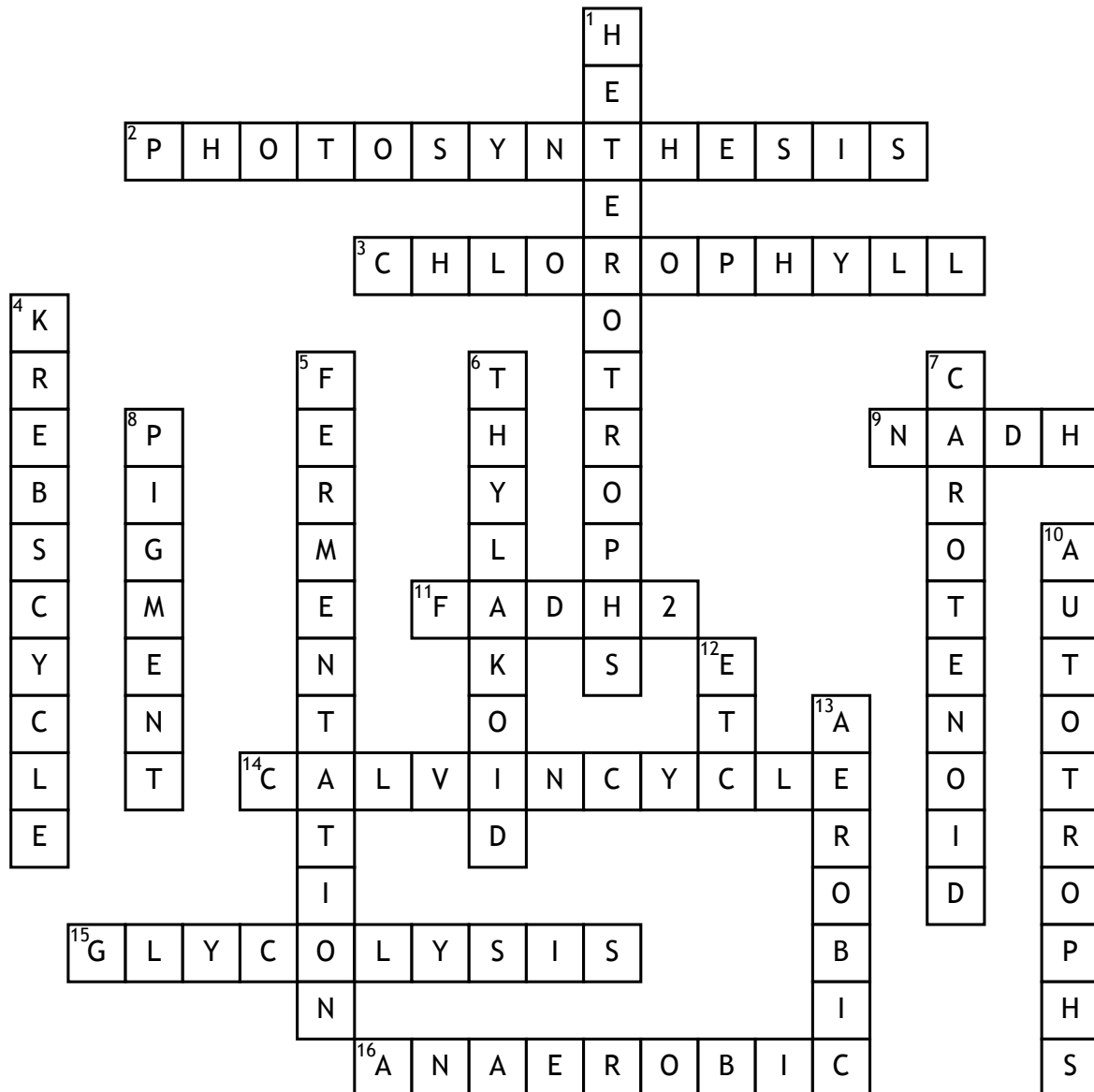


Name: _____

Date: _____

Photosynthesis and Cellular Respiration



Across

2. Process that uses sunlight to make organic compounds

3. Green Pigment

9. An electron carrier that is formed during glycolysis

11. An electron carrier only found in the Krebs Cycle

14. Carbon dioxide fixation occurs during this process

15. breakdown of glucose to pyruvate, gains 2 ATP for the cell

16. Does not require oxygen

Down

1. Organisms that must consume organic molecules

4. Process that converts pyruvate into carbon dioxide and water, and releases 2 ATP
5. breakdown of sugars without oxygen, produces alcohol or lactate

6. found in chloroplast, contains pigments, looks like pancakes

7. oranges and yellows

8. A substance that gives another substance its color

10. organisms that produce their own food, don't need to eat

12. Occurs in mitochondria and chloroplasts, produces large quantities of ATP

13. Requires oxygen