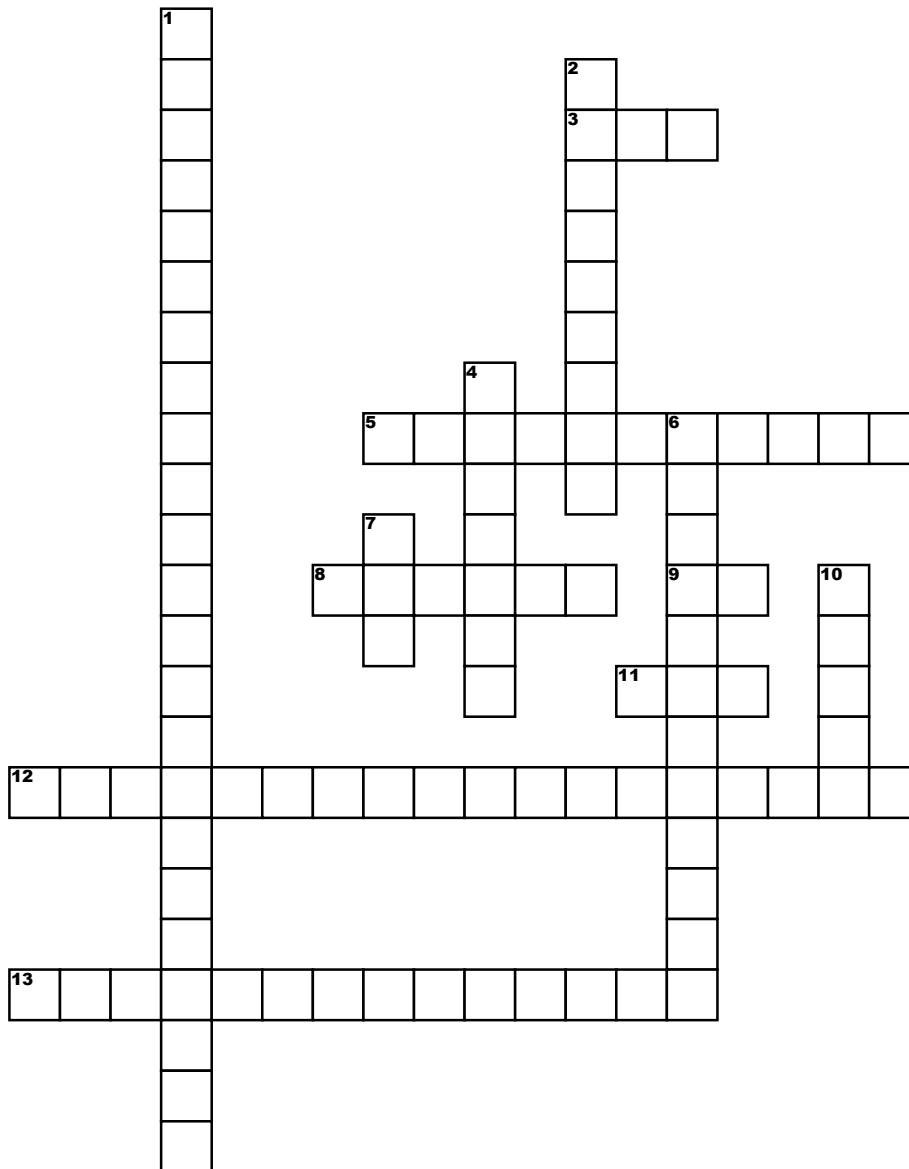


Name: _____ Date: _____ Period: _____

Photosynthesis Crossword Puzzle



Across

3. water

5. The Carbon reactions of photosynthesis are chemical reactions that convert carbon dioxide and other compounds into glucose

8. in botany, refers to the colorless fluid surrounding the grana within the chloroplast

9. oxygen

11. carbon dioxide

12. to carry out chemical reactions, such as the conversion of carbon dioxide into oxygen.

13. the process by which green plants and some other organisms use sunlight to synthesize foods from carbon dioxide and water

Down

1. which light energy is initially converted into chemical energy as ATP and NADPH

2. is a membrane-bound compartment inside chloroplasts and cyanobacteria

4. high energy of sugars

6. is the combination of two biological terms, plastid (an organelle in a plant cell), and chloros, which means green

7. Its job is to store and supply the cell with needed energy

10. which are generated in the first stage of photosynthesis, called the light-dependent reactions