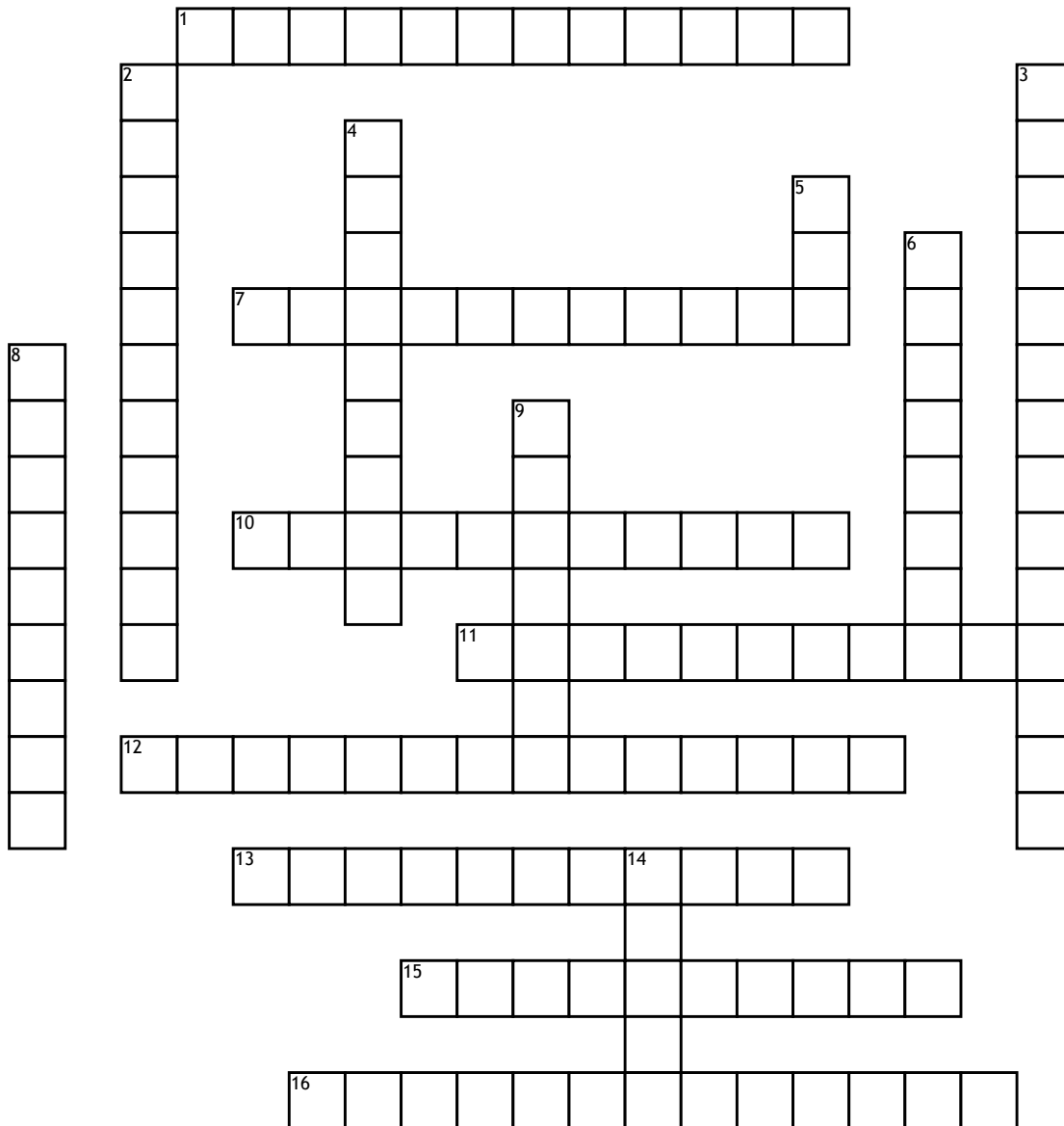


Name: _____

Photosynthesis



Across

1. Found in all green parts of the plant that are mostly concentrated in leaves?

7. A light-capturing unit located in the thylakoid membrane of a chloroplast?

10. A green pigment if found inside the thylakoid membranes?

11. Another name for the dark reactions is?

12. The part of photosynthesis that converts solar energy to chemical energy?

13. Light travels in rhythmic patterns called?

15. A membranous system made up of sacs?

16. The part of photosynthesis that does not require light

Down

2. An organism that obtains their organic materials by eating other organisms or substances produced by them?

3. The conversion of solar energy to chemical energy stored in sugar molecules and other organic molecules?

4. Tissue in the interior of a leaf?

5. Which type of plant is found in extremely hot and dry climates?

6. Which pathway builds carbohydrates from smaller molecules and consumes energy?

8. An organism that sustains itself without eating anything derived from other living beings?

9. A microscopic pore found on a plant is known as a?

14. Stacks of thylakoids are called?