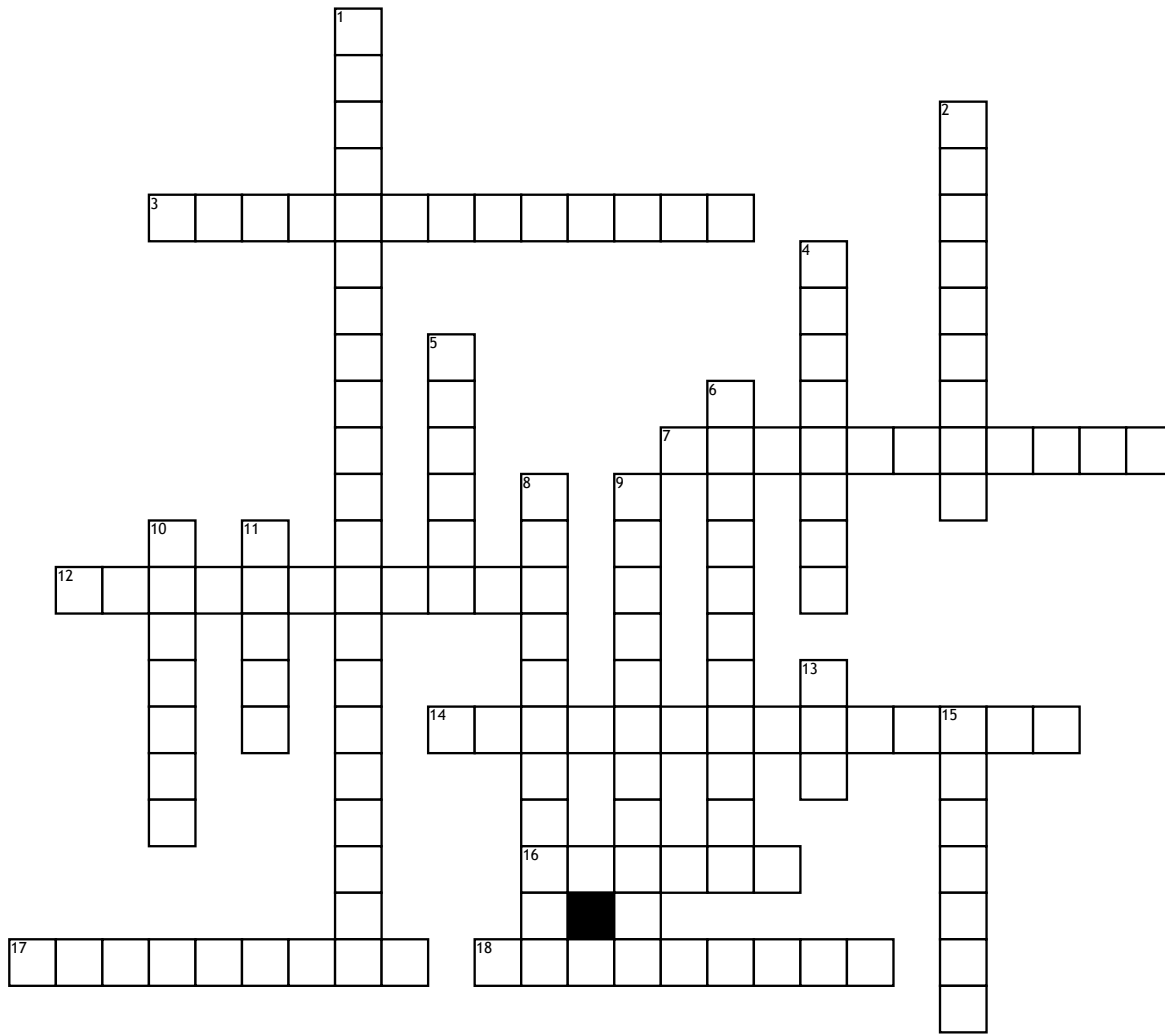


Name: _____

Date: _____

Photosynthesis



Across

3. One of the reactants of photosynthesis that is inhaled by the plant as a gas
7. An accessory pigment that appears yellow
12. The organelle where photosynthesis takes place
14. The process of converting light energy into sugar
16. The waste product of photosynthesis that is useful to animals
17. Plants appear green because the green light is _____ by the leaf

18. The structure within the chloroplast where the light dependent reaction takes place

Down

1. The full name of ATP; the molecule that represents energy in the cell
2. An organism that can produce its own energy
4. An accessory pigment that reflects orange light
5. The region within the chloroplast where the light independent reaction takes place
6. Another name for the light independent reaction

8. An organism that cannot produce its own energy and must consume other organisms
9. The primary pigment in plants that converts sunlight into energy
10. The product of photosynthesis that is most useful to plants
11. The name for stacks of thylakoids
13. The molecule produced in the light dependent reaction that powers the light independent reaction
15. The mouth-like structures in leaves that allow carbon dioxide to enter the plant