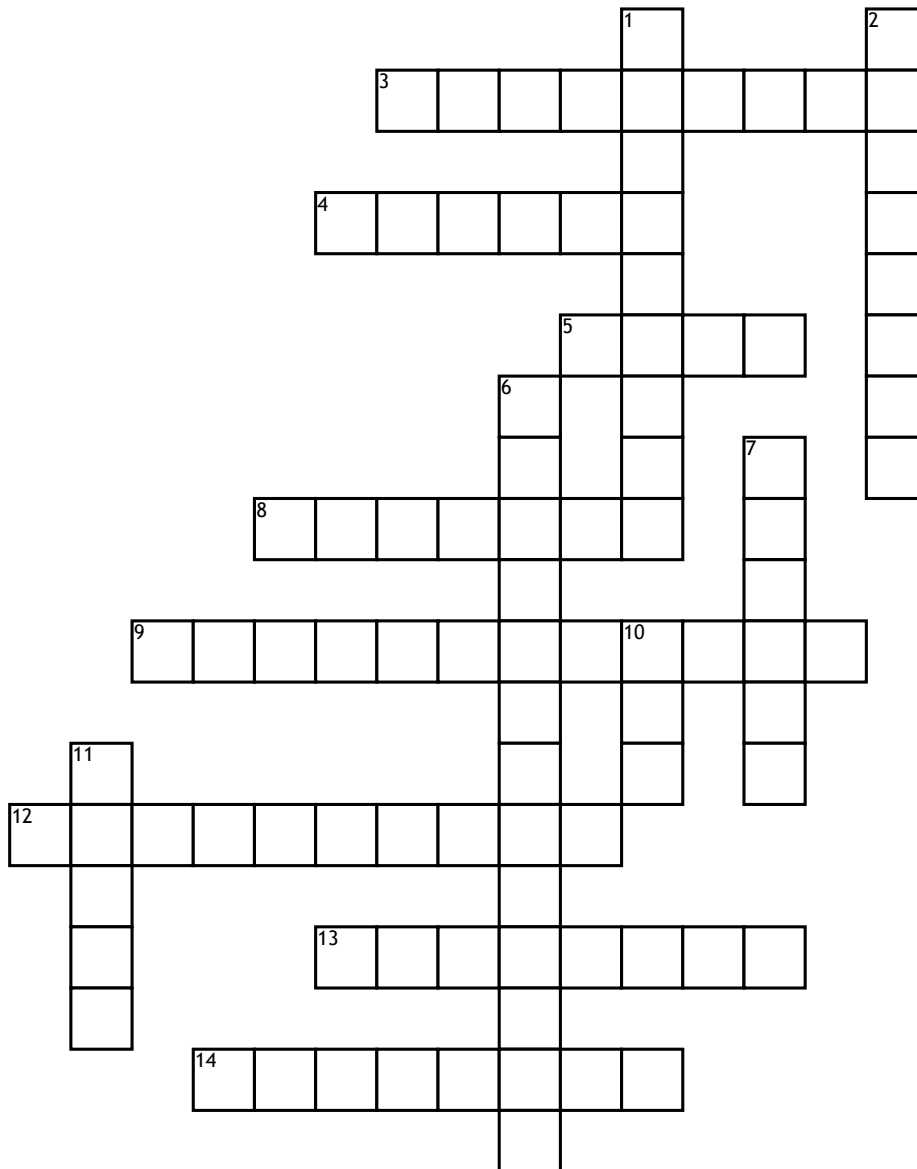


# Chloroplast



**Across**

- 3. An organism with cells characteristic of all life forms except primitive microorganisms such as bacteria
- 4. Gel-like matrix of chloroplast
- 5. The basic structural and functional unit of all organisms
- 8. A tiny cavity filled with fluid in the cytoplasm of a cell
- 9. An organelle containing enzymes responsible for producing energy

- 12. A unicellular organism having cells lacking membrane-bound nuclei
- 13. A thin membrane that is one of the calcified layers that form bones
- 14. Any of a large group of nitrogenous organic compounds that are essential constituents of living cells

**Down**

- 1. A specialized part of a cell
- 2. A thin pliable sheet of material

- 6. Synthesis of compounds with the aid of radiant energy
- 7. An oily organic compound insoluble in water but soluble in organic solvents
- 10. A long linear polymer found in the nucleus of a cell and formed from nucleotides and shaped like a double helix
- 11. The stacks of thylakoids embedded in the stroma of a chloroplast