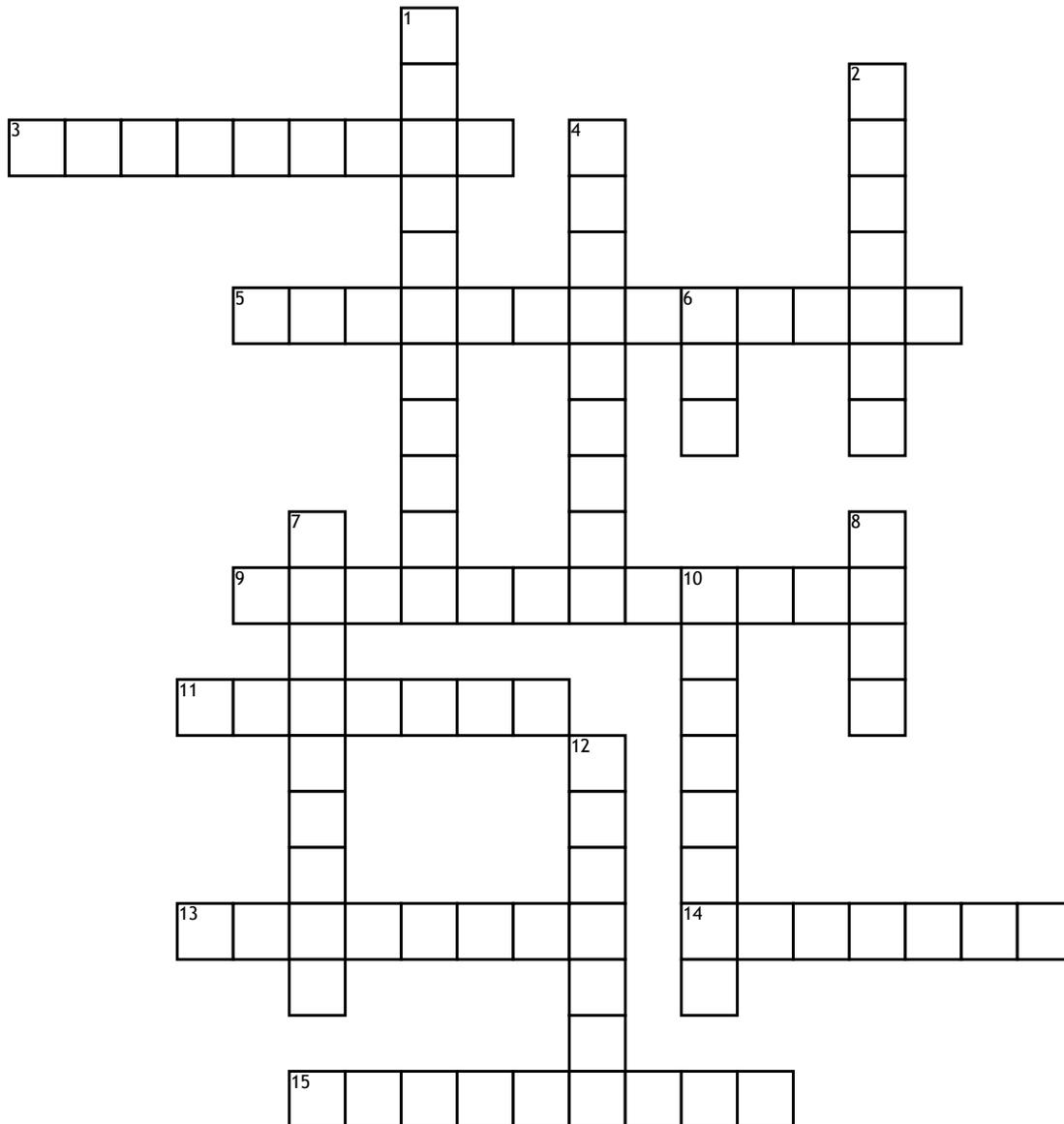


# Cytoplasm & Organelles



**Across**

- 3. A specialized part of a cell; analogous to an organ
- 5. An organelle containing enzymes responsible for producing energy
- 9. A thin membrane enclosing the cytoplasm of a cell
- 11. Diffusion of molecules through a semipermeable membrane

- 13. A rigid layer of polysaccharides enclosing a plant membrane
- 14. The process by which a cell divides into two smaller cells
- 15. The act of dispersing something

**Down**

- 1. Any green pigments found in photosynthetic organisms
- 2. A tiny cavity filled with fluid in the cytoplasm of a cell

- 4. The substance inside a cell, not including the nucleus
- 6. A long linear polymer found in the nucleus of a cell
- 7. Allowing fluids or gases to pass or diffuse through
- 8. The basic structural and functional unit of all organisms
- 10. An organelle in the cytoplasm of a living cell
- 12. A part of the cell responsible for growth and reproduction