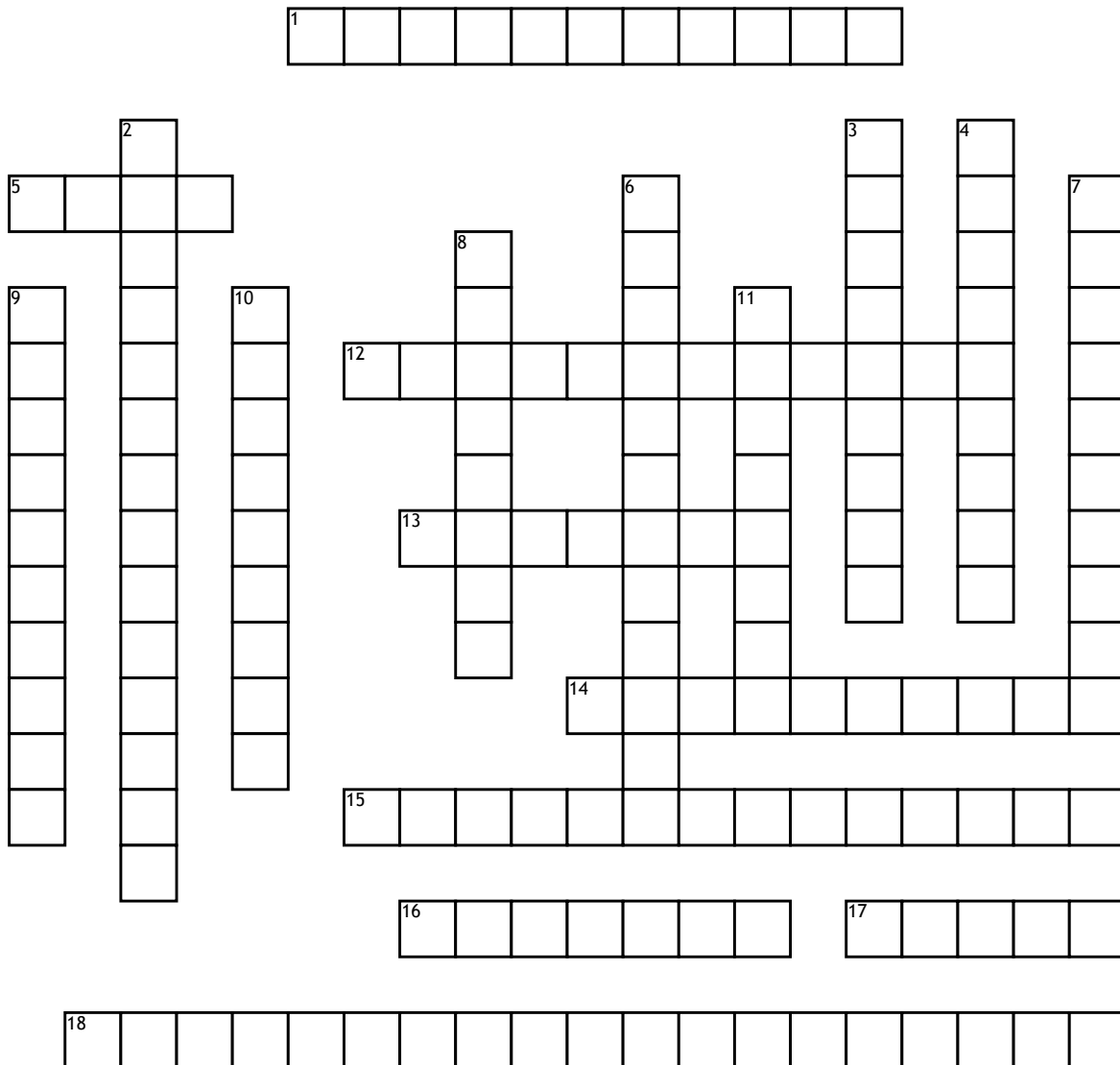


# Eukaryotic and prokaryotes crossword



**Across**

- 1. Cells without a nucleus
- 5. The basic structural and functional unit of all living organisms
- 12. Organelles that capture light energy and covert it to chemical energy through a process called photosynthesis
- 13. Used to store food
- 14. Contains many distinct internal structures
- 15. A flattened stack of membranes that sorts and packages proteins

- 16. The distinct central organelle that contains the cells genetic material in the formOf DNA
  - 17. Short , numerous projections that look like hair
  - 18. Membrane system of folded sacs and interconnected channels that serve as the site for proteins and lipid synthesis
- Down**
- 2. Controls what enters and leaves the cell
  - 3. The organelles that help manufacture protein

- 4. Vesicles that digest excess or worn out organelles
- 6. Energy generators
- 7. Organelles made of microtubules that function during cell division
- 8. Thick rigid mesh of fibres that surrounds the outside of the plasma membrane
- 9. Cells that Contains the nucleus
- 10. Within the nucleus is the site of ribosome production
- 11. Longer and less numerous that cilia