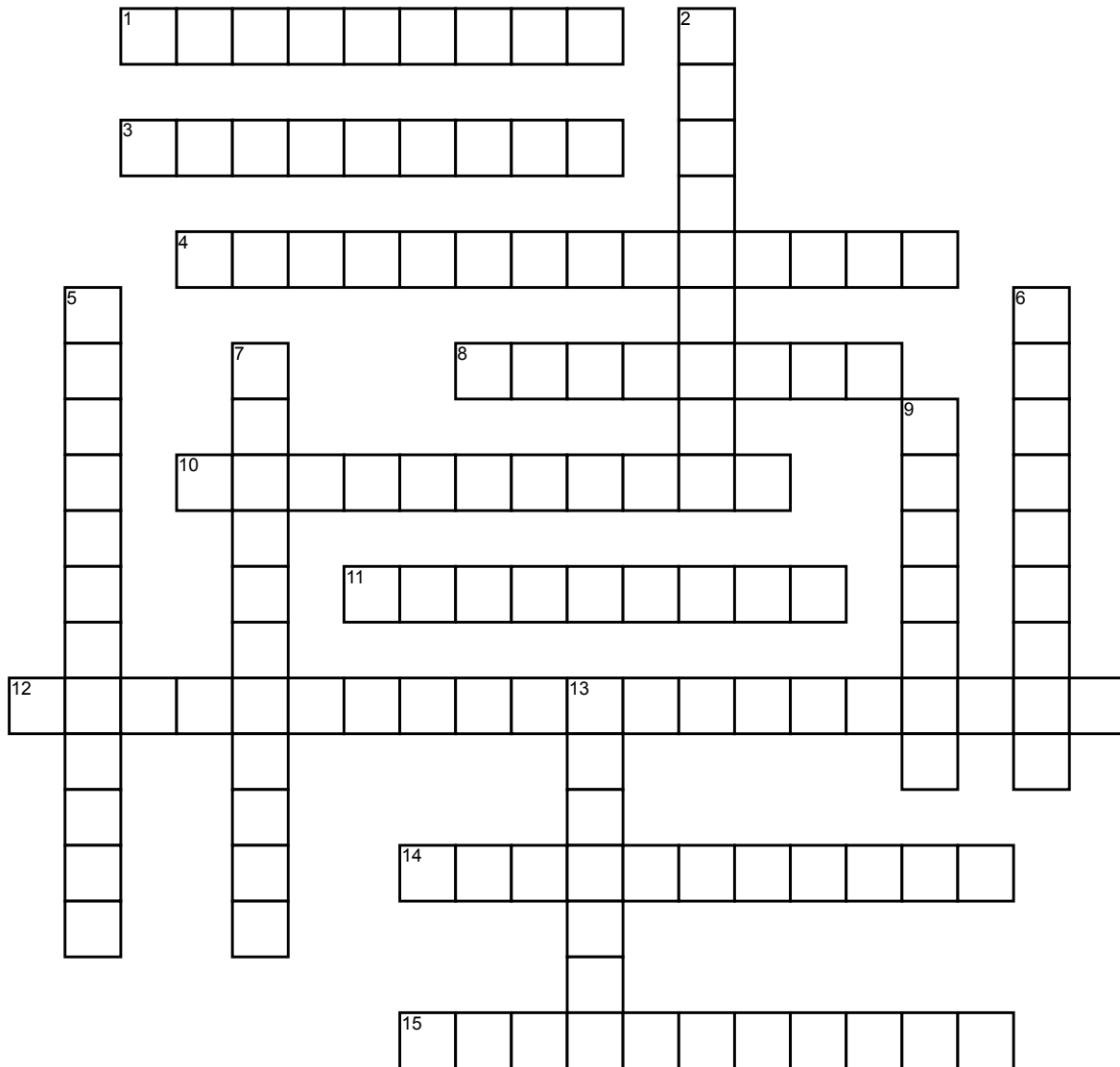


Cytoplasm and Organelles



Across

- 1. containing degradative enzymes enclosed in a membrane.
- 3. The material or protoplasm within a living cell, excluding the nucleus.
- 4. gathers simple molecules and combines them to make molecules that are more complex
- 8. Hold water and waste
- 10. specialized peroxisomes found in plants

- 11. protein builders or the protein synthesizers of the cell
- 12. a network of membranous tubules within the cytoplasm of a eukaryotic cell

- 14. breakdown of very long chain fatty acids through beta-oxidation
- 15. Regulate movement of molecules from nucleus to cytoplasm

Down

- 2. Aide the process of cell division

- 5. Powerhouse of the cells
- 6. Small dense spherical structure in nucleus
- 7. Plastids that contain chlorophyll
- 9. a dense organelle present in most eukaryotic cells, typically a single rounded structure bounded by a double membrane, containing the genetic material.
- 13. Component of the cytoplasm of a cell, within which various organelles and particles are suspended