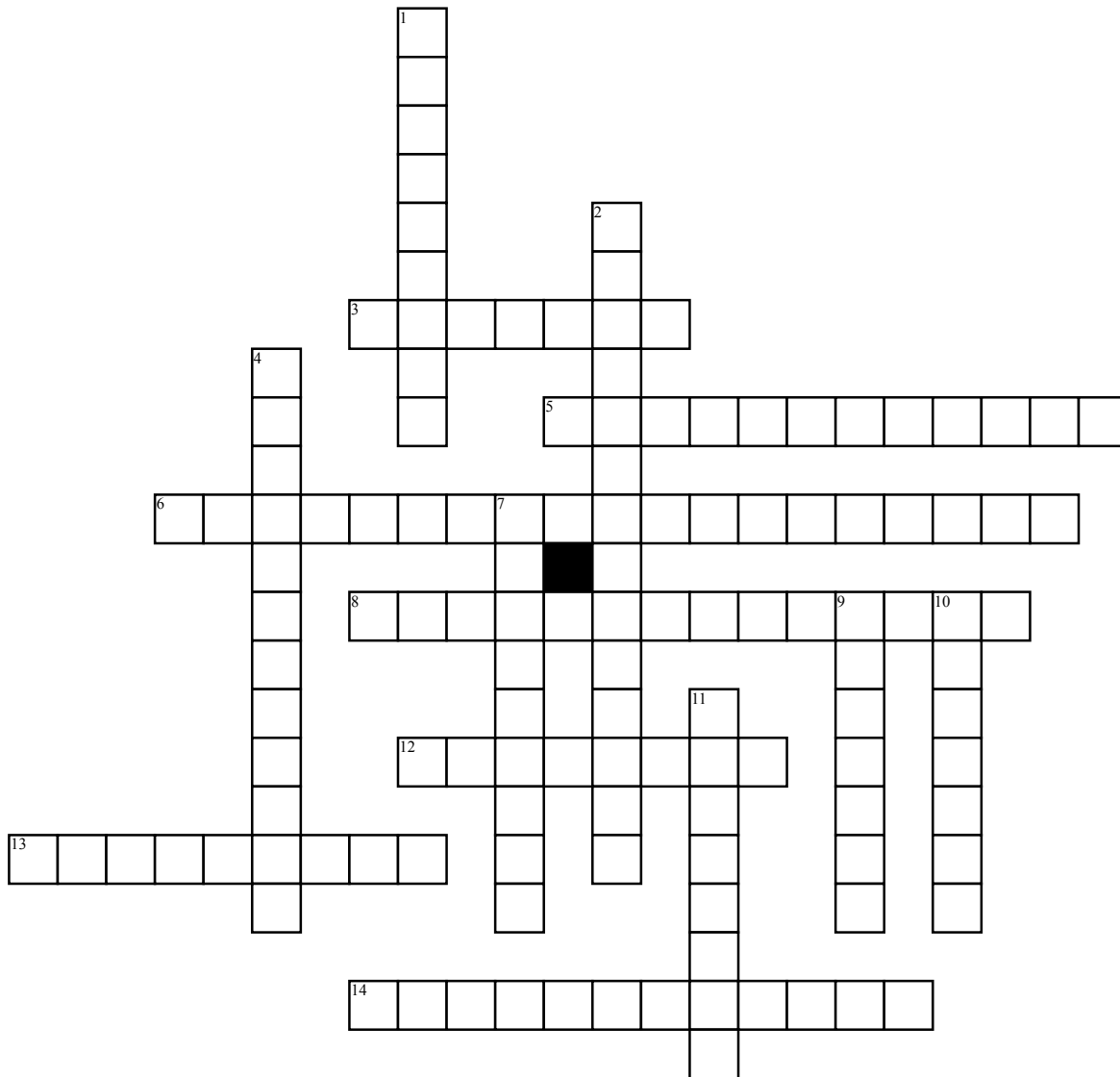


Name: _____ Date: _____ Period: _____

CELLS



Across

- 3.** enclosed compartments which are filled with water containing inorganic and organic molecules
5. is a double membrane-bound organelle found in all eukaryotic organisms.
6. the outer layer of the cell
8. the thin, outermost membrane that separates each cell from its outside environment
12. consists of tubules and vesicles that branch forming a network.

13. serves as the site of biological protein synthesis

14. specialized subunits, in plant and algal cells

Down

- 1.** the material or protoplasm within a living cell, excluding the nucleus.
2. also known as the Golgi complex
4. a complex network of interlinking filaments and tubules that extend throughout the cytoplasm

7. spherical vesicles which contain hydrolytic enzymes that can break down virtually all kinds of biomolecules

9. involved in some protein production, protein folding, quality control and despatch.

10. a dense organelle present in most eukaryotic cells, containing the genetic material.

11. a structural layer that surrounds some types of cells, situated outside the cell membrane