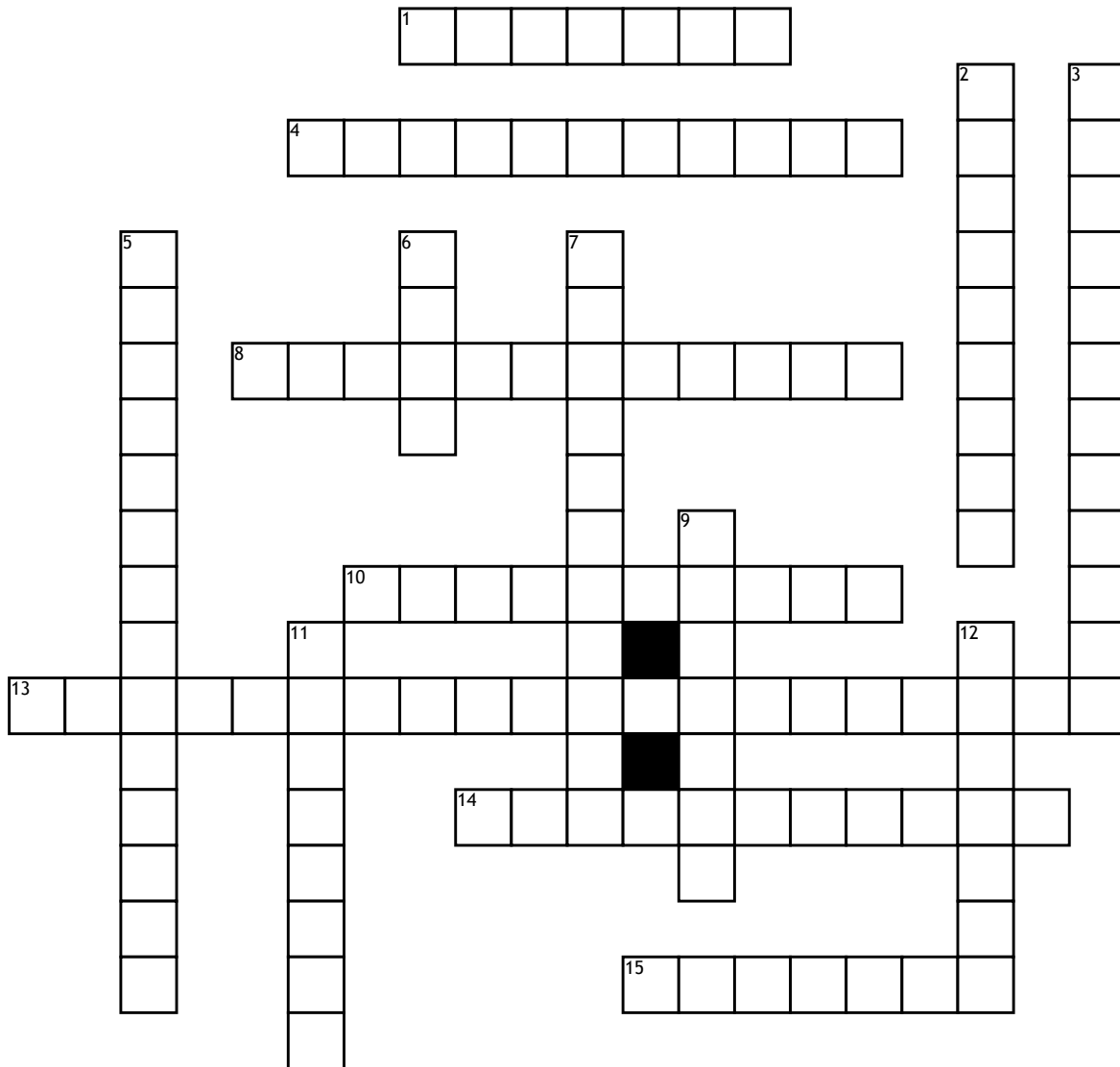


Name: _____

Date: _____

cell vocab



Across

- 1. What is the control center of a eukaryotic cell that directs the cell activities and contains DNA?
- 4. Rod-shaped cell structures that convert energy in food molecules to energy to the cell
- 8. The outside cell boundary that controls which substances can enter or leave the cell
- 10. What is a widely accepted explanation of the relationship between cells and living things?
- 13. What is the movement of materials through a cell membrane using energy?

- 14. The process by which cells break down simple food molecules to release the energy they contain
 - 15. The diffusion of water molecules through a selectively permeable membrane
- ## Down
- 2. The process by which molecules move from an area of higher concentration to an area of lower concentration
 - 3. What is the process by which cells break down molecules to release energy without using oxygen?
 - 5. The process in which some organisms use water along with sunlight and carbon dioxides to make their own food

- 6. The basic unit of structure
- 7. The maintenance of stable internal conditions in an organism
- 9. The process that occurs in the formation of sex cells (sperm and egg) by which the number of chromosomes is reduced by half
- 11. What is the rigid layer of non-living material that surrounds the cell of plants and sometimes other organisms provides strength and support?
- 12. what is it called when body cells divide into 2 new cells and 1 copy of the DNA is distributed into each daughter cell