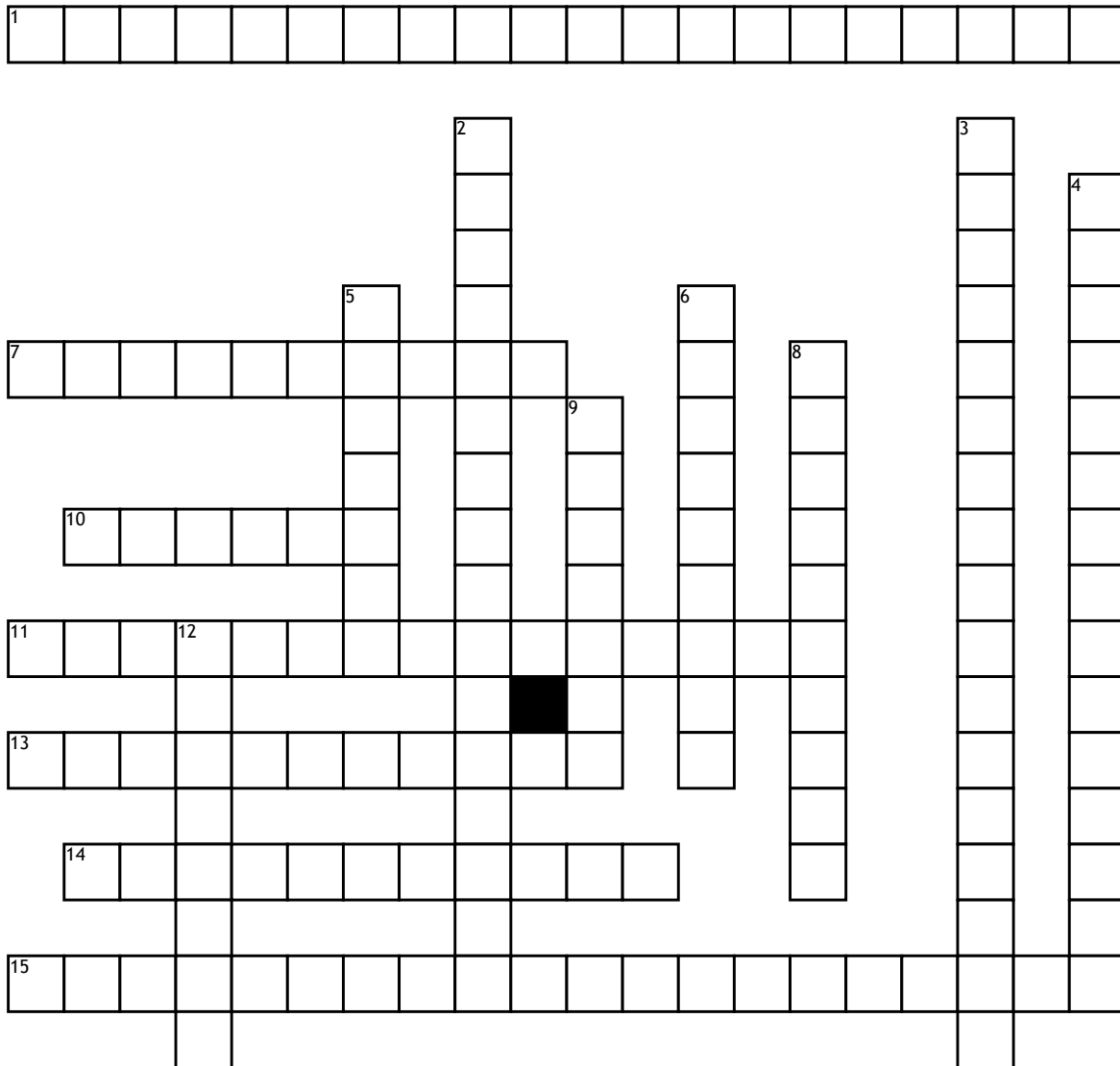


Name: _____

Date: _____

Biology



Across

1. the characteristic of a membrane that allows some substances through but not others

7. release of substances out a cell by the fusion of a vesicle with the membrane.

10. the substance that is dissolved
11. energy-requiring movement of molecules across a membrane from a region of lower concentration to a region of higher concentration.

13. uptake of liquids or large molecules into a cell by inward folding of the cell membrane.

14. cell that does not have a nucleus or other membrane-bound organelles.

15. diffusion of molecules assisted by protein channels that pierce a cell membrane.

Down

2. movement of molecules across the cell membrane without energy input from the cell.

3. a membrane protein found on the exterior or interior surfaces of membranes.

4. a protein embedded within or found on the surfaces of the plasma membrane; acts as enzymes.

5. the liquid that dissolves a substance; within living organisms, this is always water

6. small cylinder-shaped organelle made of protein tubes arranged in a circle; aids mitosis.

8. solution that has a higher concentration of dissolved particles compared with another solution.

9. diffusion of water molecules across a semipermeable membrane from an area of high water concentration to an area of low water concentration.

12. solution that has an equal concentration of dissolved particles compared with another solution.