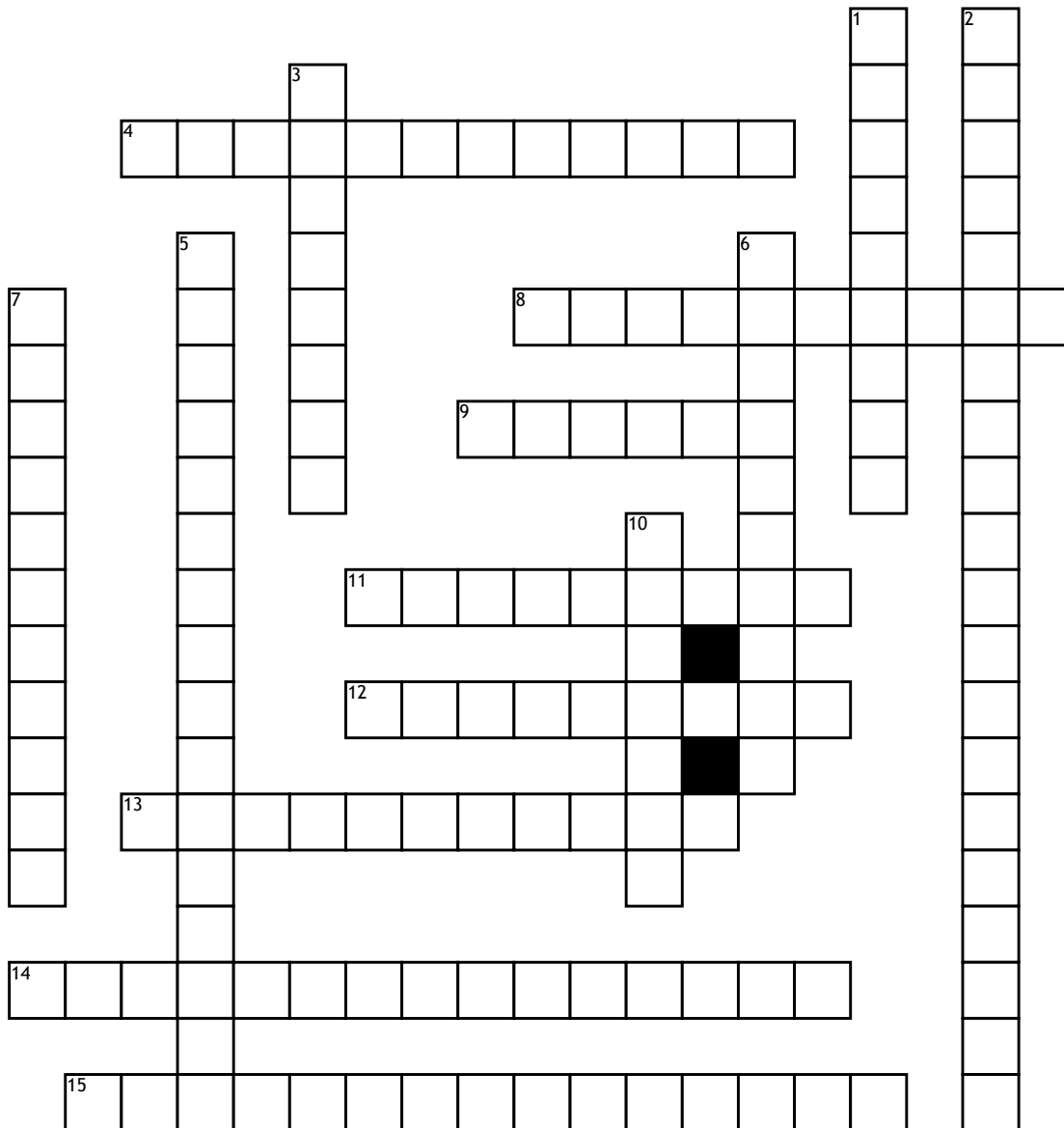


Name: _____

Date: _____

Cell Transport



Across

4. The molecule that makes up the majority of the cell membrane

8. the release of large amounts of materials from the cell membrane

9. a substance dissolved in a solution

11. the process of particles moving from an area of high concentration to low concentration across the membrane

12. When there is less solute outside the cell than inside, the solution is called

13. The process of taking materials into the cell by infoldings of the cell membrane

14. The force produced by the net movement of water out of or into a cell

15. The movement of materials against a concentration gradient using energy

Down

1. The protein channel that allows for the transport of water across the cell membrane

2. Diffusion through a special protein channel

3. When both the inside and outside of the cell have an equal amount of solute dissolved in them

5. The movement of molecules across the cell membrane without using energy

6. When there is more solute outside the cell membrane than in the cell, the solution is called

7. A relatively constant internal condition in a cell

10. diffusion of water through a selectively permeable membrane