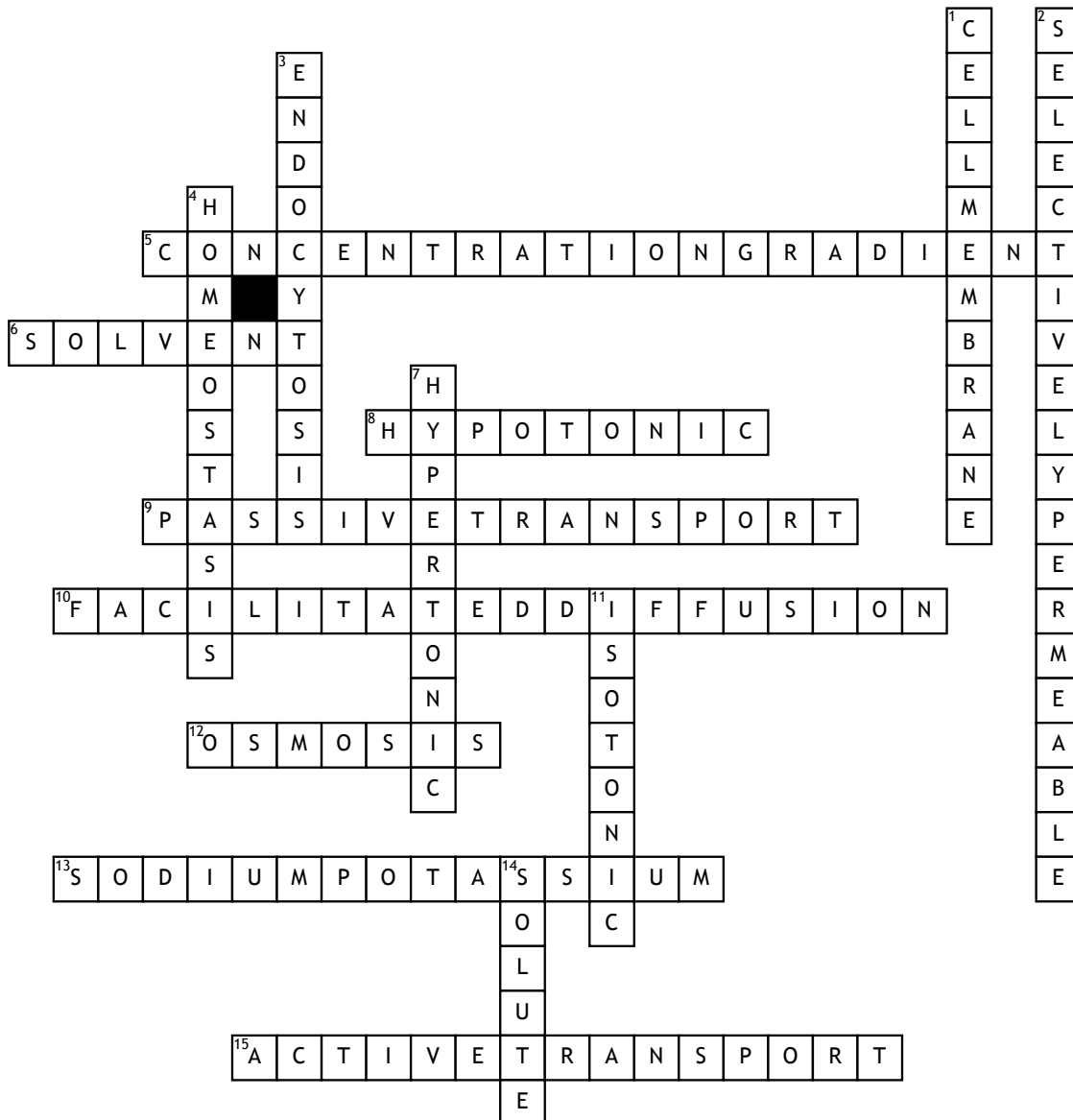


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Cell Transport Crossword



## Across

5. The difference in concentration of a substance from one location to another.

6. The substance that does the dissolving.

8. The solute concentration of the inside of the cell is greater than the solute concentration on the outside of the cell.

9. The movement of molecules across a semi-permeable membrane without the use of energy.

10. Form of passive transport; Movement of molecules across the membrane through a protein.

12. The movement of water molecules across a cell membrane.

13. This is a type of pump. Moves three Na<sup>+</sup> (Sodium ions) out of the cell for every two K<sup>+</sup> (Potassium ions) it moves into the cell

15. Molecules flow from an area of LOW CONCENTRATION TO HIGH CONCENTRATION.

## Down

1. The two functions of this cell structure are to act as a boundary between the external and internal environments of a cell and to control passage of materials.

2. This describes the cell membrane; it means some molecules can pass through the membrane while others cannot

3. A process of taking in substances by engulfing them in a membrane.

4. Literally means "same state". Variables are regulated so that internal conditions remain relatively constant/stable.

7. The solute concentration on the outside of the cell is greater than the solute concentration on the inside of the cell. The cell will shrink.

11. The solute concentration on the inside the cell is equal to the solute concentration on the outside of the cell.

14. The substance that is broken down in a solution.