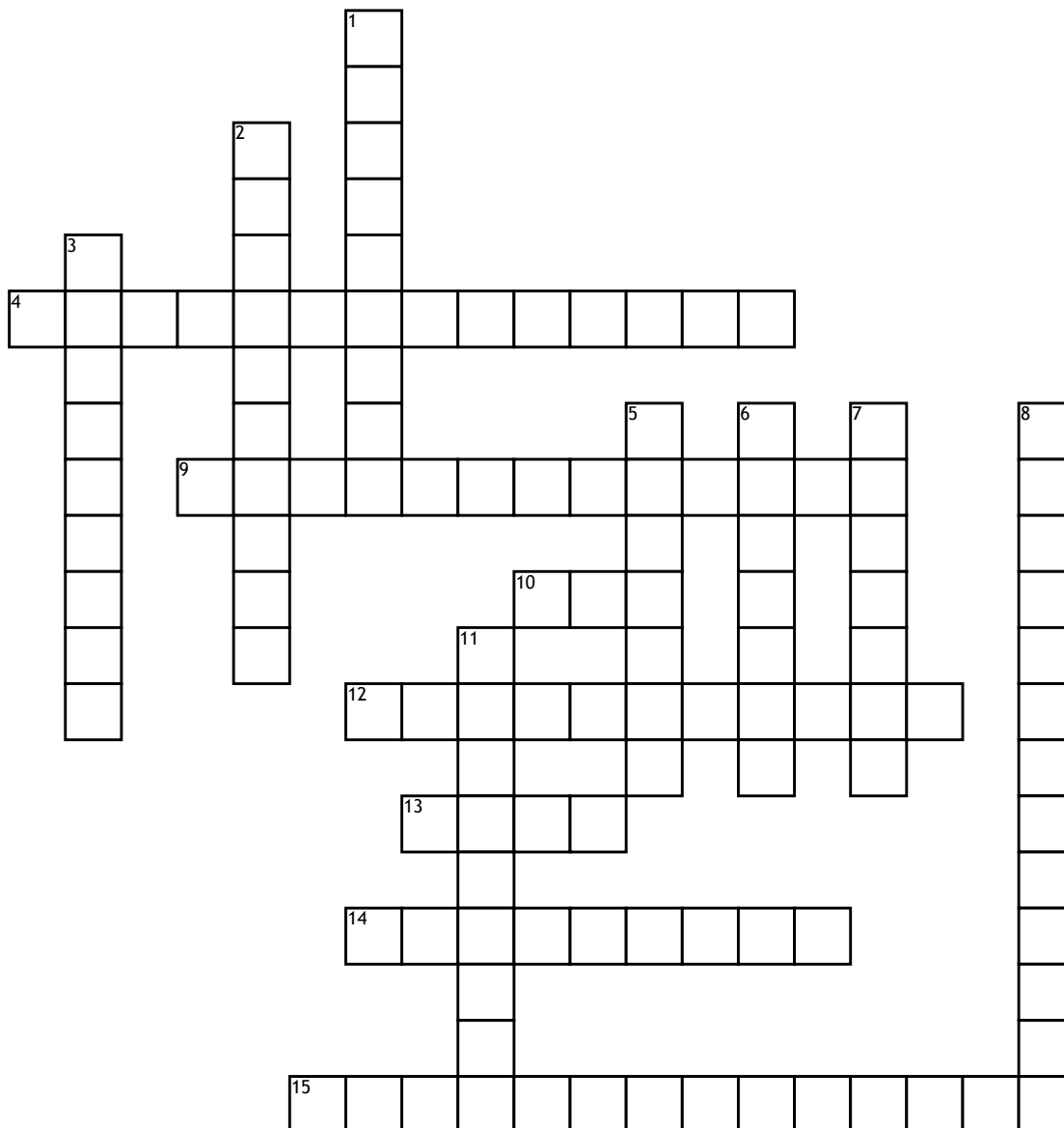


Diffusion/Osmosis, Cell Cycle, and Stem Cells



Across

4. Term that describes a cell that is specialized.

9. The molecule that makes up the cell membrane

10. Number of cells produced at the end of the cell cycle.

12. Division of cytoplasm

13. Initials used to indicate the phases of mitosis.

14. During the process of mitosis, the daughter cells produced are _____ to the parent cell.

15. Another name for the cell membrane.

Down

1. Phase of Interphase when DNA is duplicated (copied).

2. The cell spends most of its life in this portion of the cell cycle.

3. Movement of molecules from high concentration to low concentration,

5. Division of nucleus

6. The cell membrane is described as a _____,

because it is made of two layers of phospholipids.

7. The diffusion of water across a semi-permeable membrane.

8. Term that describes the cell membrane's ability to control what molecules enter and exit the cell.

11. Undifferentiated (unspecialized) cells