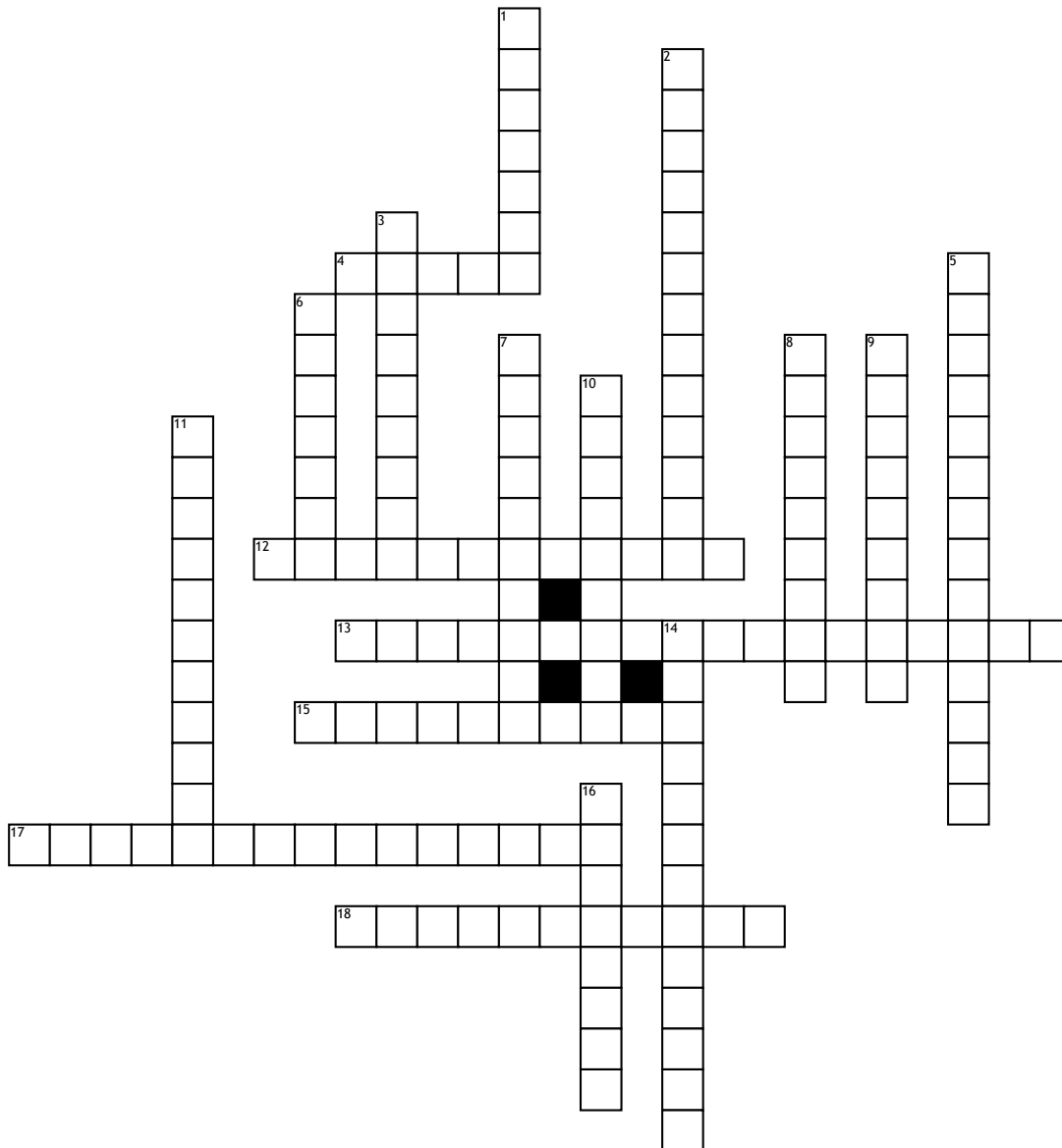


Name: _____

Date: _____

Cells



Across

4. the smallest unit of life, the building blocks of living things
 12. structure that encloses the contents of a cell and allows the movement of some materials in and out
 13. instrument for viewing very small objects, can magnify things up to a million times
 15. Long, thin elastic cells that contract and relax.
 17. instrument for viewing very small objects, can magnify things up to 1500 times
 18. describes an organism having only one cell

Down

1. the control centre of the cell
 2. the number of times the image of an object has been enlarged using a lens or lens system
 3. Very long cell, star-shaped at one end, detects and sends messages.
 5. a rapidly developing field that includes studying and investigating cells and other objects of the smallest dimensions
 6. organelle used to store water and dissolved substances
 7. a length of one millionth of a metre

8. a unit of measurement equal to one billionth of a metre
 9. the jelly-like material inside a cell. It contains many organelles such as the nucleus and vacuoles
 10. member of the group of organisms that has a membrane around the nucleus in each of their cells
 11. oval-shaped organelle found only in plant cells, contains chlorophyll
 14. having many cells, most plants and animals
 16. gives plant cells strength and holds them in shape