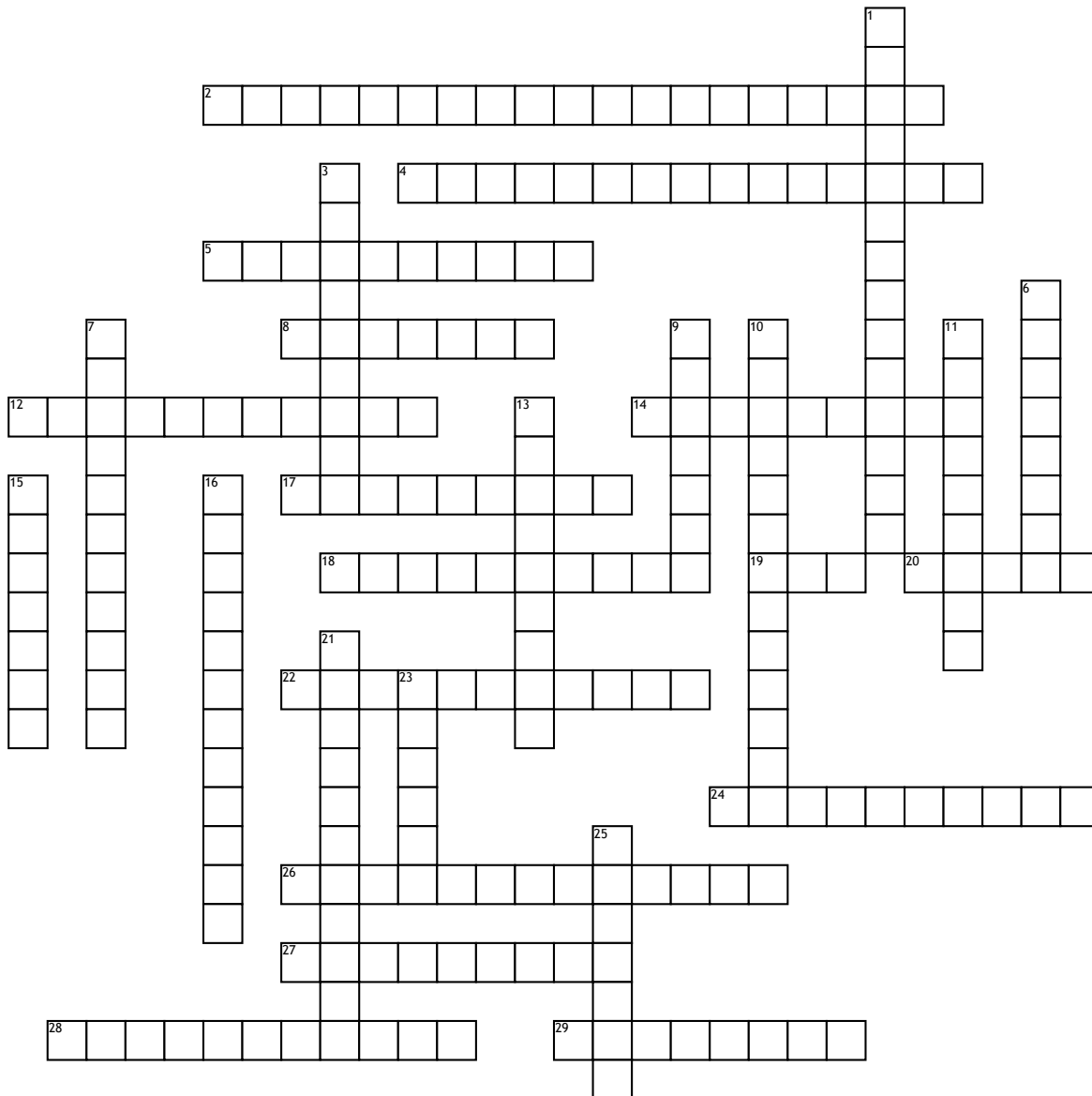


Name: _____

Date: _____

Cells



Across

2. It is one of the key ways plants release chemical energy.

4. It is a highly regulated membrane barrier that separates the nucleus from the cytoplasm in eukaryotic cells.

5. It is the region of a chromosome to which the microtubules of the spindle attach.

8. It is the opening on the underside of a leaf that takes in carbon dioxide and lets out oxygen.

12. An organism that gains energy and food by eating other organisms.

14. It is a cell that open and closes the stomata and protects it.

17. It forms chromosomes during cell division.

18. It is the resting phase between divisions of meiosis.

19. It is a molecule that carries the genetic instructions.

20. It is something humans need to drink to survive.

22. They are long threadlike structures located in the nucleus of the cell.

24. They are involved in the development of spindle fibers in cell division.

26. They form a protein structures that divides the genetic material in a cell.

27. The watery cell fluid that contains the cell organelles.

28. It is the organelle involved in manufacture of food in plants photosynthesis.

29. It is the stage in which chromosomes move away from one another to opposite of the poles spindle.

Down

1. It is the process that plants use to make energy.

3. An organism that makes its own food.

6. it is the first stage of cell division.

7. it is the cytoplasmic division of a cell at the end of mitosis.

9. A type of sugar plants make.

10. It is a gas in the atmosphere that humans exhale.

11. It is the final phase of cell division

13. It is the second stage of cell division.

15. It is a type of cell division.

16. It is the organelle involved in cellular respiration.

21. It is the main photosynthetic pigment in chloroplasts.

23. It is the gas humans need to breathe in order to survive.

25. It is a colored chemical compound that absorbs light .