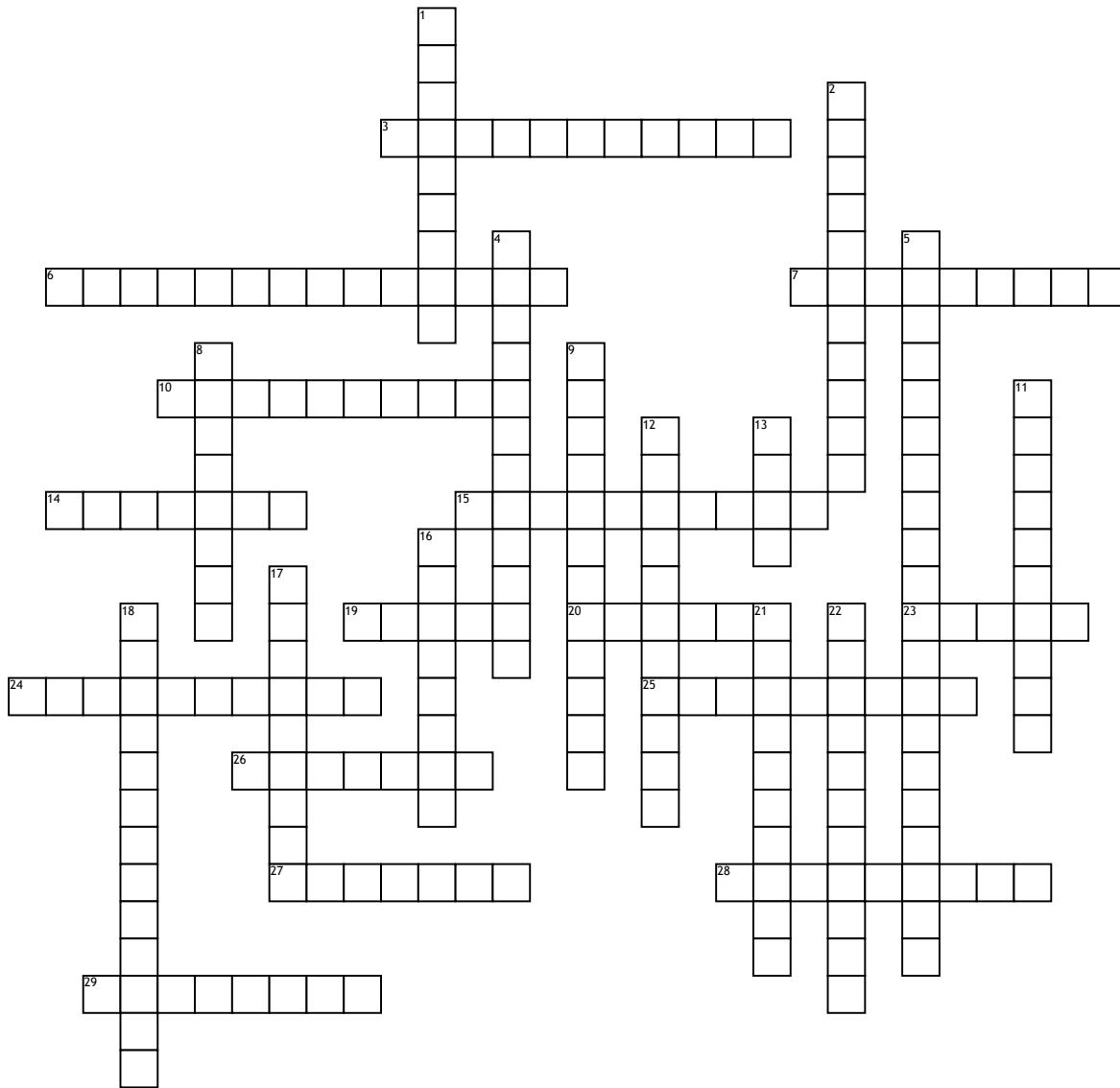


Cell Unit Vocabulary



Across

3. the tendency toward a relatively stable equilibrium between interdependent elements, especially as maintained by physiological processes.
6. a process used by plants and other organisms to convert light energy, normally from the Sun.
7. This cell is eukaryotic with a cell wall
10. is any organism whose cells contain a nucleus and other organelles enclosed within membranes.
14. A non-living thing
15. This cell is eukaryotic with no cell wall
19. A complex of vesicles and folded membranes within the cytoplasm of most eukaryotic cells, involved in secretion and intracellular transport.
20. A living thing
23. What are the basic building blocks of life?
24. Is a scientific theory which describes the properties of cells.
25. an organelle containing degradative enzymes enclosed in a membrane.

Down

26. A storage in the cell
27. a dense organelle present in most eukaryotic cells, typically a single rounded structure bounded by a double membrane, containing the genetic material.
28. a gel-like substance that fills the cells of living organisms.
29. a slender threadlike structure, especially a microscopic whiplike appendage that enables many protozoa, bacteria, spermatozoa, etc., to swim.
1. consisting of RNA and associated proteins, found in large numbers in the cytoplasm of living cells.
2. An organism that has no more than one cell
4. The organelle that produce energy for the cell through cellular respiration, and are rich in fats, proteins, and enzymes-see cell illustration.
5. forms an interconnected network of flattened, membrane-enclosed sacs or tube-like structures known as cisternae.

8. an activity or purpose natural to or intended for a person or thing
9. Separates the interior of all cells from the outside environment.
11. Any of a number of organized or specialized structures within a living cell
12. a plastid that contains chlorophyll and in which photosynthesis takes place.
13. The basic building block of life
16. A structural layer that surrounds some types of cells it can be tough, flexible, and sometimes rigid
17. The material of which the chromosomes of organisms other than bacteria are composed. It consists of protein, RNA, and DNA.
18. An organism that has more than one cell is _____?
21. produces food for green plants by synthesizing simple sugars
22. single-celled organism that has neither a distinct nucleus with a membrane nor other specialized organelles