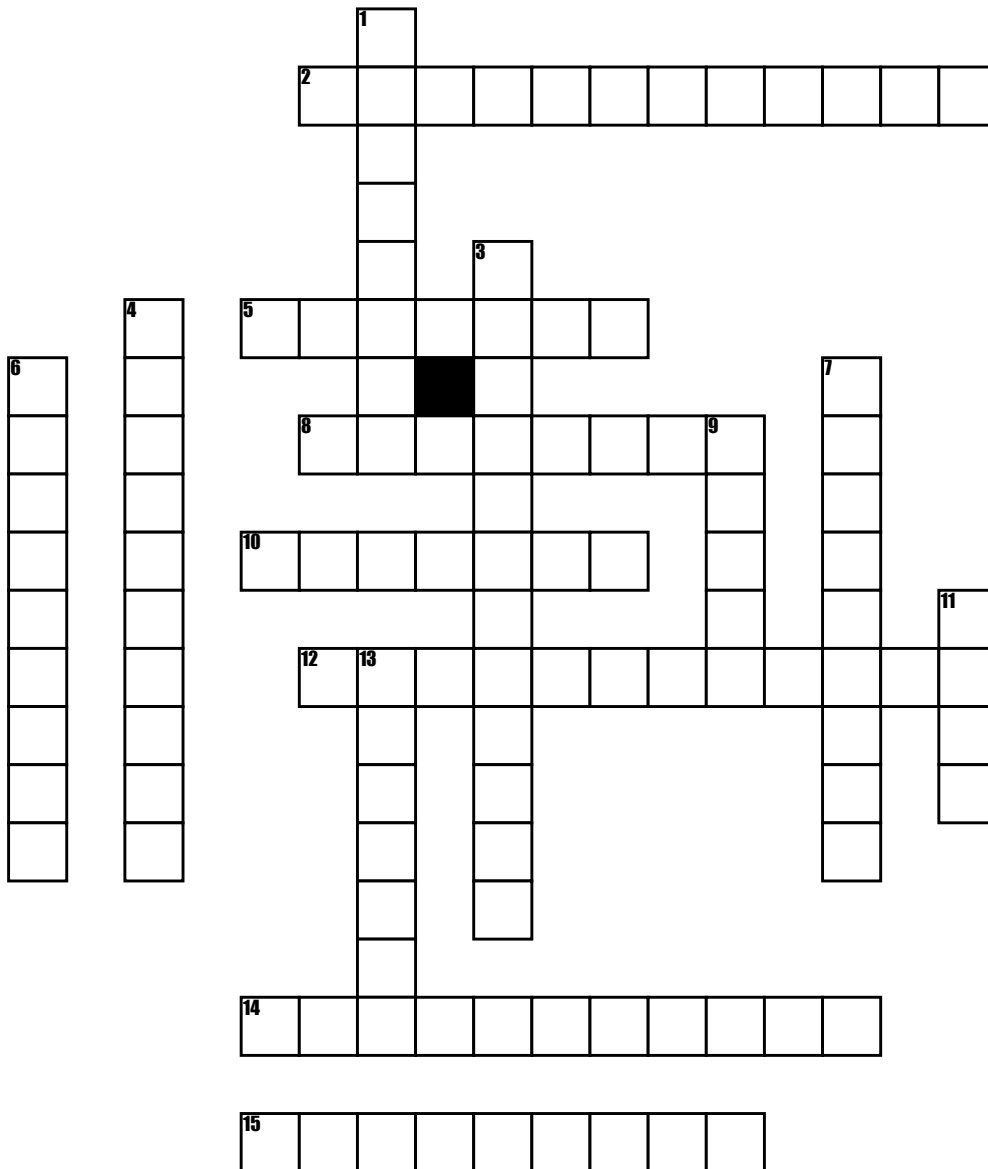


Biology Review Crossword puzzle



Across

2. Powerhouse of the cell

5. macromolecule that contains carbon, hydrogen, oxygen, and nitrogen; needed by the body for growth and repair and to make up enzymes.

8. a thin membrane around the cytoplasm of a cell

10. a part of the cell containing DNA and RNA and responsible for growth and reproduction

12. compound made up of carbon, hydrogen, and oxygen atoms; major source of energy for the human body.

14. an organic compound, either RNA or DNA, whose molecules are made up of one or two chains of nucleotides and carry genetic information

15. a jellylike fluid inside the cell in which the organelles are suspended

Down

1. an organelle in the cytoplasm of a living cell, small particle in the cell on which proteins are assembled; made of RNA and protein

3. thin, flexible barrier around a cell, regulates what enters and leaves the cell

4. monomer of nucleic acids made up of a 5-carbon sugar, a phosphate group, and a nitrogenous base

6. specialized structure that performs important cellular functions within a eukaryotic cell

7. monomer that makes up proteins; contains carboxyl and amino functional groups.

9. macromolecule made mainly from carbon and hydrogen atoms; includes fats, oils, and waxes.

11. a small unit serving as part of or as the nucleus of a larger political movement, the basic structural and functional unit of all organisms

13. Process that requires oxygen