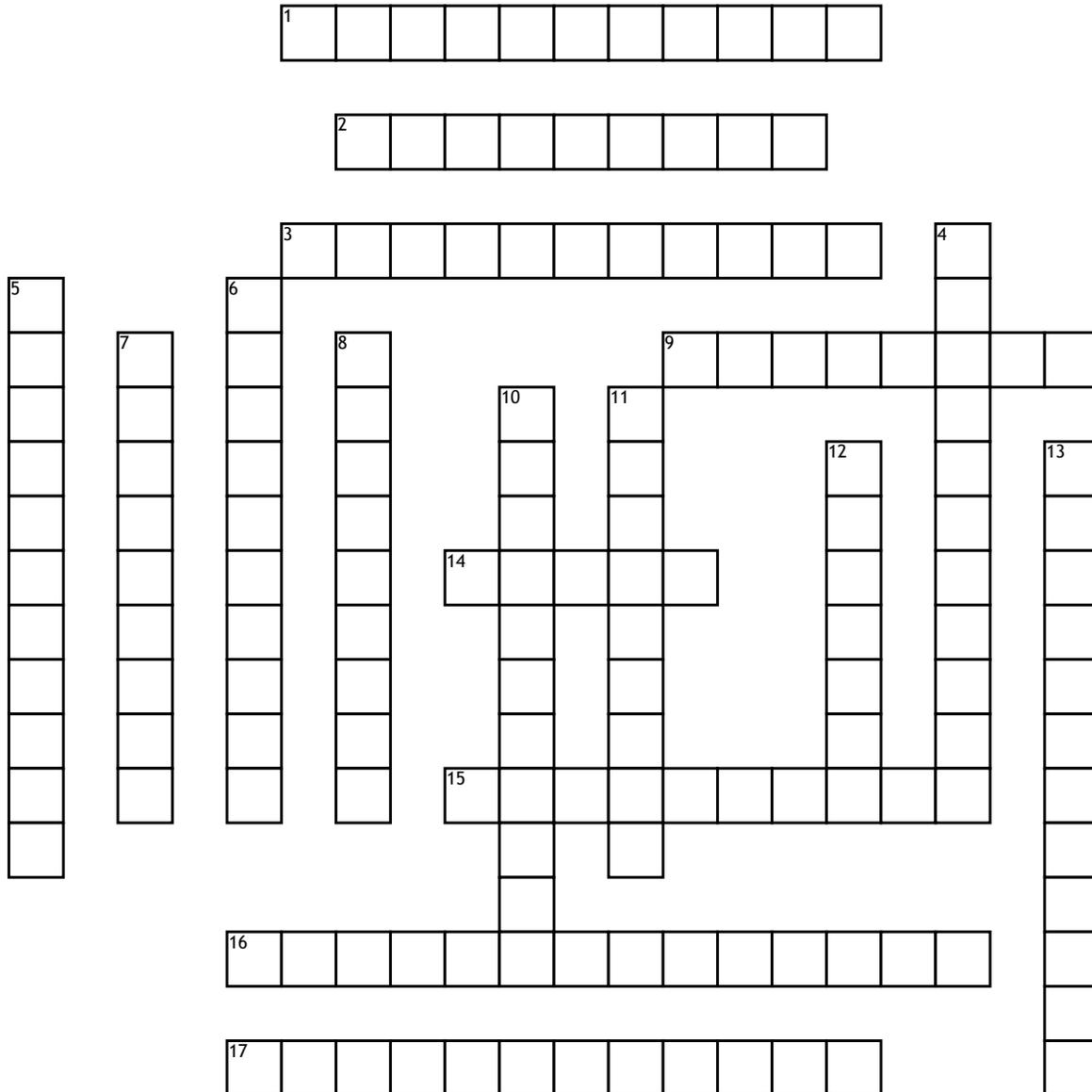


Animal and Plant Cell Vocabulary



Across

1. What has a group of flattened sacs lying on top of each other in the cytoplasm of the cell?
2. What helps give structure and rigidity to the cell wall?
3. What has a green pigment in plants which serves to trap the sun's energy for photosynthesis?
9. What is part of a molecule that has no charge?
14. What has a molecule with a lightly negative and positive ends with regard to a charge?
15. What is known as the intercellular material that holds plants cells together?
16. What is a process in green plants which involves the use of carbon dioxide and water in the production of glucose and oxygen using the sun's energy?

17. What together has a molecule with a polar and nonpolar end which makes up the plasma membrane together with protein?

Down

4. What is known as the tiny body that contains chlorophyll which is arranged in stacks within a plant cell. Photosynthesis takes place in this part of the cell.
5. What is a group of biochemicals including both DNA and RNA?
6. What has the rod-shaped structure containing the genes and also is known to contain the information for making protein?
7. What has a septum which forms from the inside out at the end of cell division to separate the two new cells?
8. What contain digestive enzymes located in the cell cytoplasm?

10. What is the part of cell division that causes separation of the cytoplasm into two separate daughters?
11. What is the small membrane known to serve specialized functions within the cell.
12. What uses blood sugar used by the cells in the production of energy?
13. What is known for the production of energy in the cytoplasm?