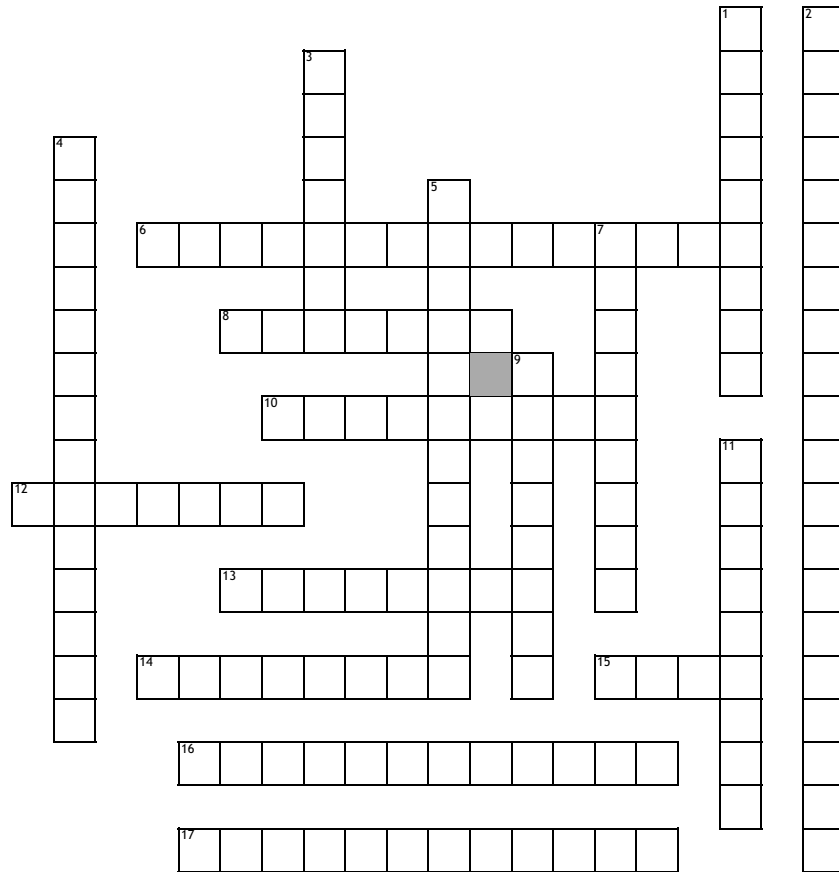


# Cell Organelles



## Across

6. A double membrane that surrounds the nucleus in the cell
8. A membrane bound sac that contains materials involved in transport in the cytosol of the cell; small organs of the cell
10. The organelle where ribosomes are made, synthesized and partially assembled, located in the nucleus
12. Stores water and nutrients for the cell; very large in plant cells
13. A rigid structure that surrounds the cells of plants and most bacteria
14. An organelle that functions in the synthesis of proteins
15. A membrane bound structure that is the basic unit of life
16. Known as the "skeleton" of the cell; network of long protein strands in the cytosol that helps support the cell
17. Powerhouse of the cell; produces energy (ATP) from oxygen and sugar (cellular respiration)

## Down

1. One of several bodies with a specialized function that is suspended
2. An internal membrane system in which components of cell membrane and some proteins are constructed
3. The organelle that contains the DNA and controls the processes of the cell
4. A system of membranes that modifies and packages proteins for export by the cell
5. The lipid bilayer that forms the outer boundary of the cell
7. An organelle containing digestive enzymes
9. Whip-like tails found in one-celled organisms to aid movement
11. A jelly-like substance that holds the cell organelles together