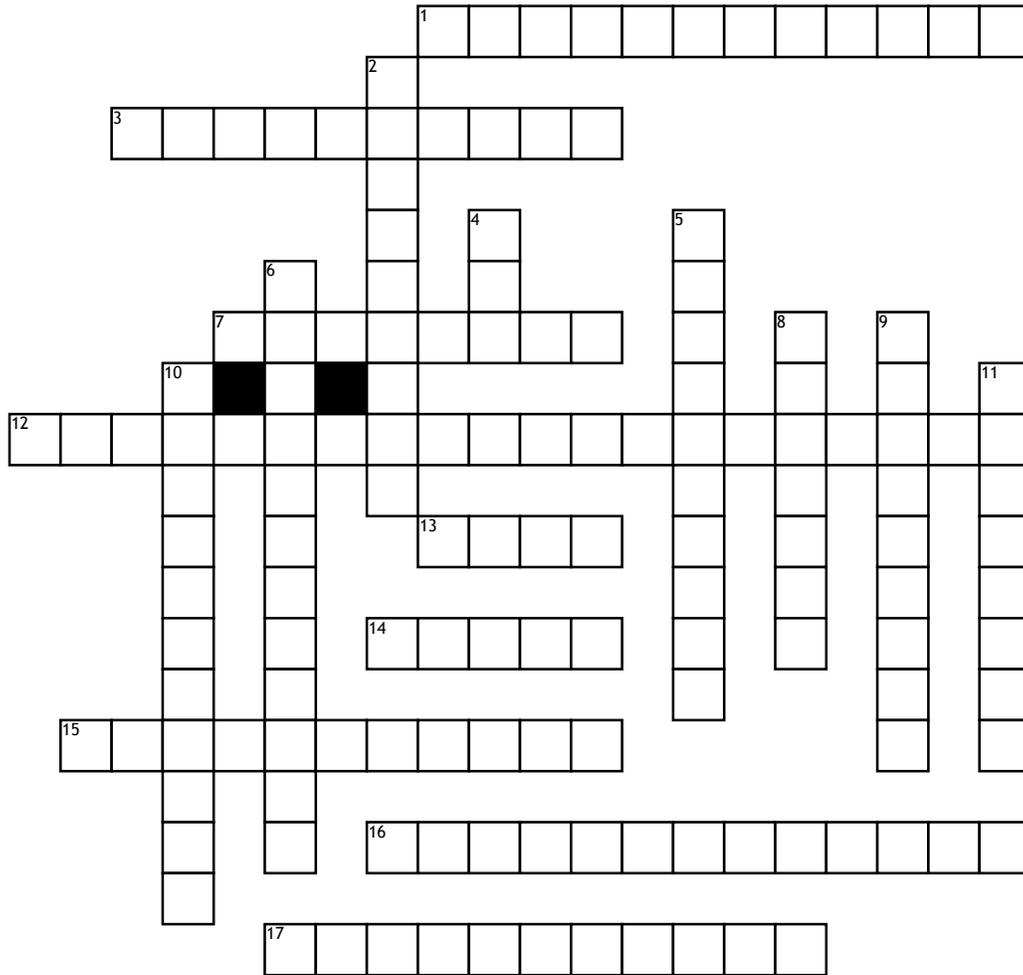


Cell Organelles



Across

1. This is the powerhouse of the cell
 3. This type of cell can be multicellular or unicellular, considered larger and more complex
 7. Tough, rigid outer layer that provides support to a plant cell
 12. This is a hollow network of tiny tubes that make and store proteins
 13. Cells are the basic unit of structure and function of
 14. All living things are composed of

15. This type of cell is unicellular, considered smaller and simpler
 16. Scientist that studied cell division and concluded that cells come from preexisting cells
 17. This captures energy from sunlight to make food

Down

2. This organelle is considered the interior of the cell. It has a gel like fluid
 4. All cells contain

5. This describes the properties of cells

6. This regulates what comes in and out of the cell

8. Stores waste and assist in transporting substances

9. Receives, packages and delivers proteins to the cell

10. Scientist that observed cork and called them "cells"

11. The rough ER has ribosomes on its surface but the _____ does not.

Word Bank

Rudolf Virchow
 cells
 cell membrane
 life
 chloroplast

prokaryotes
 Robert Hooke
 endoplasmic reticulum
 Golgi Body

eukaryotes
 DNA
 mitochondria
 cytoplasm

cell wall
 cell theory
 vacuole
 smooth ER