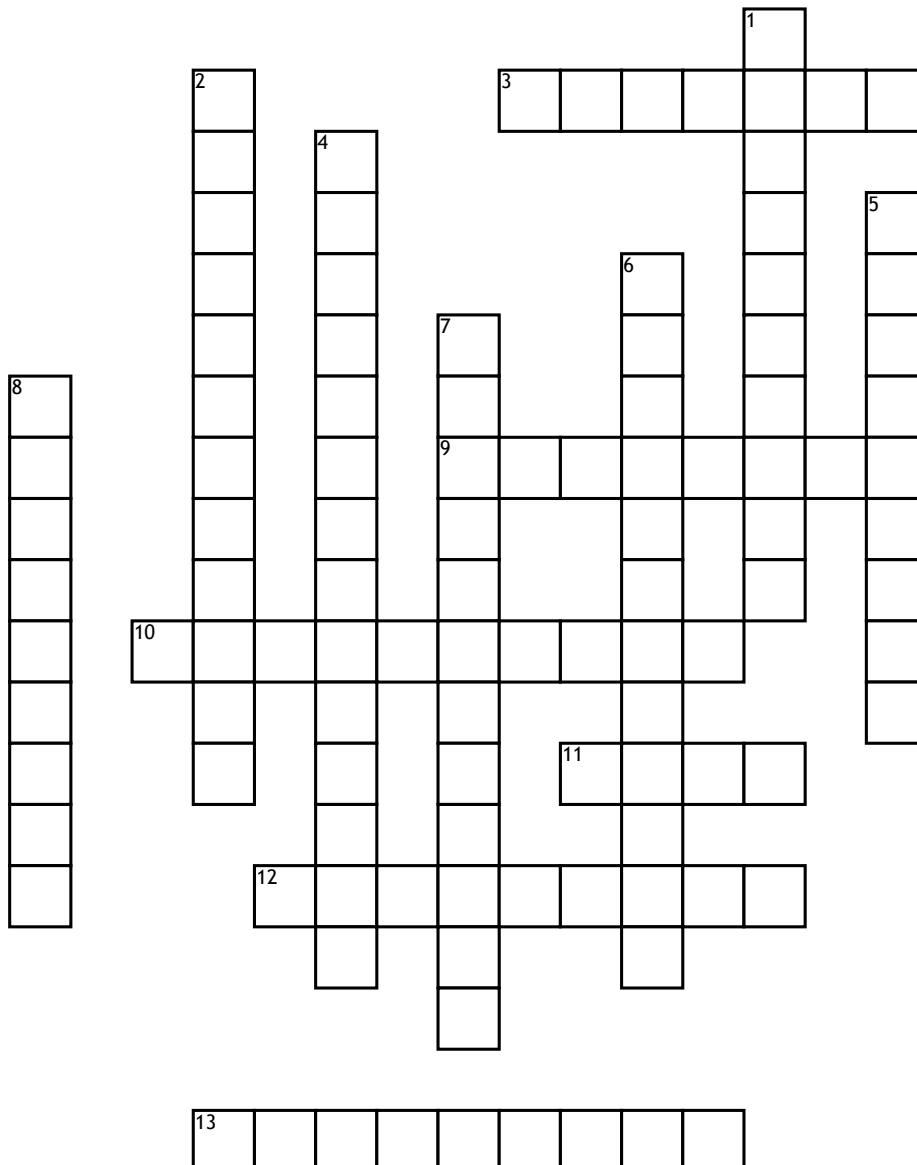


Cell Anatomy



Across

- 3.** the cell's control center; it directs all cell activities
9. an organelle containing digestive enzymes
10. the tiny parts within a cell that carry out specific functions within the cell
11. a membrane bound structure that is the basic unit of life
12. a type of cell that contains a nucleus and membrane bound organelles

13. the bulk of the cell that contains all the organelles

Down

- 1.** This says that 1. all living things are made of cells, 2. cells are the basic unit of structure and function and 3. cells only come from other cells.
2. produce most of the energy cell needs to carry out its function; "the powerhouse of the cell"

- 4.** a system of membranes that modifies and packages proteins for export by the cell
5. a small object within the nucleus that helps to make ribosomes
6. a network of long protein strands in the cytosol that helps support the cell
7. the lipid bilayer that forms the outer boundary of the cell
8. a material in cells that contains DNA and carries genetic information