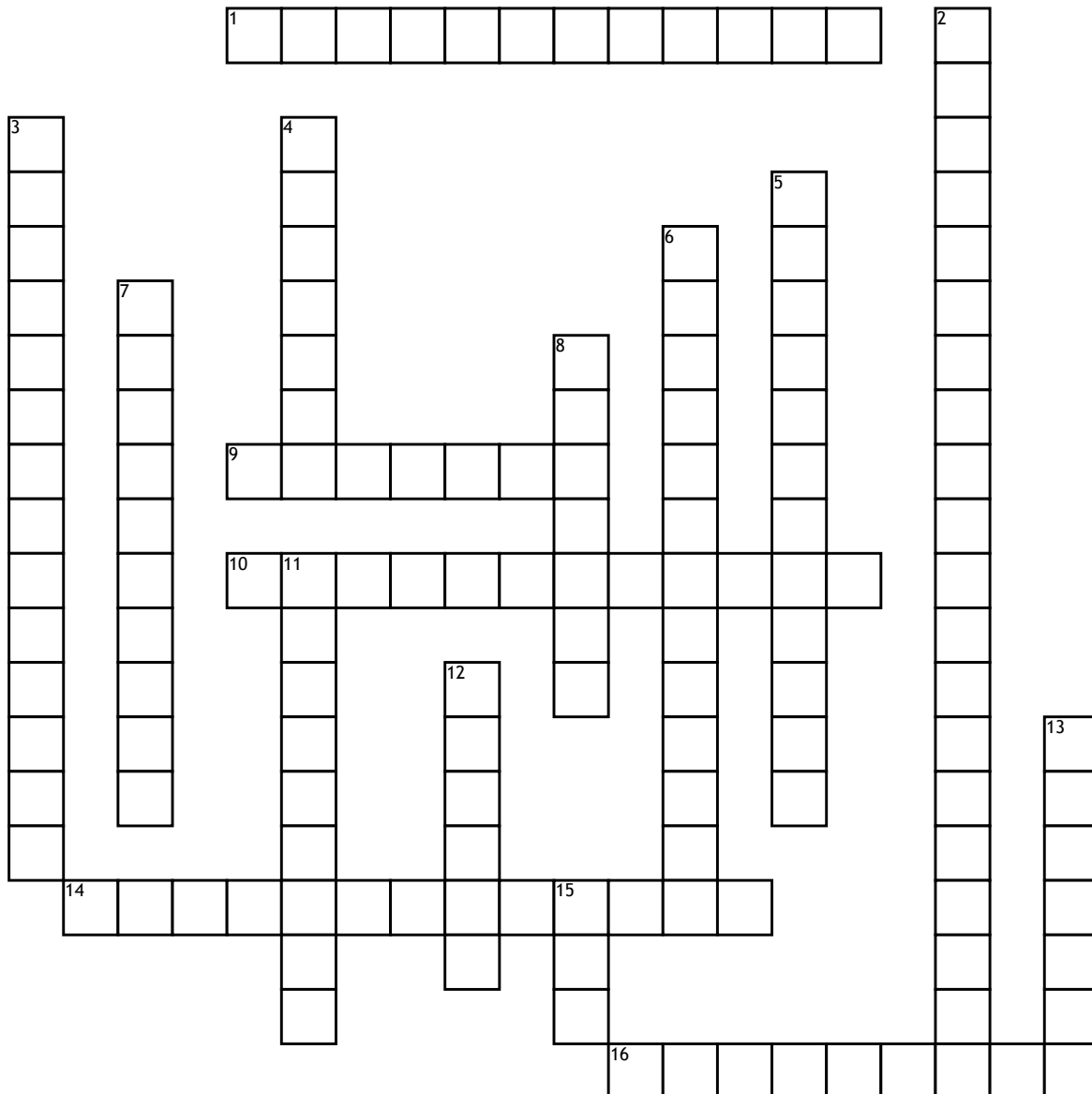


Animal Cell Organelles and Macromolecules



Across

1. Molecules that store information
 9. This macromolecule is used to build machines, tunnels, and other tools for the cell
 10. The "wall" around the cell, whose job is to prevent bad news from entering the cell
 14. Molecules that are primarily used to make energy
 16. These round organelles are filled with powerful chemicals. When there are wastes, bad guys, or broken organelles in the cell, these "janitors" come by and eat them up

Down

2. This organelle is where proteins are made

3. This organelle is referred to as the cell post office. Proteins are modified and shipped out from this organelle
 4. This word describes a long chain of molecules that repeat in a similar pattern
 5. This organelle makes energy from fats and carbohydrates
 6. This is a word which means "allows only some things in, but not all"
 7. These organisms are referred to as "old" organisms because there is a theory that organisms like them were among the first living creatures on the planet. The kingdoms eubacteria and archaebacteria fall into this group.
 8. This word describes a single link in a long chain of molecules

11. This word describes cells which have organelles and a nucleus. The following kingdoms belong to this group: protists, animals, plants, and fungi
 12. These molecules form walls and are usually found in the form of fats, waxes, and sterols
 13. This organelle is the "boss", it holds the DNA and gives instructions to the rest of the cell
 15. The "energy currency" of the cell