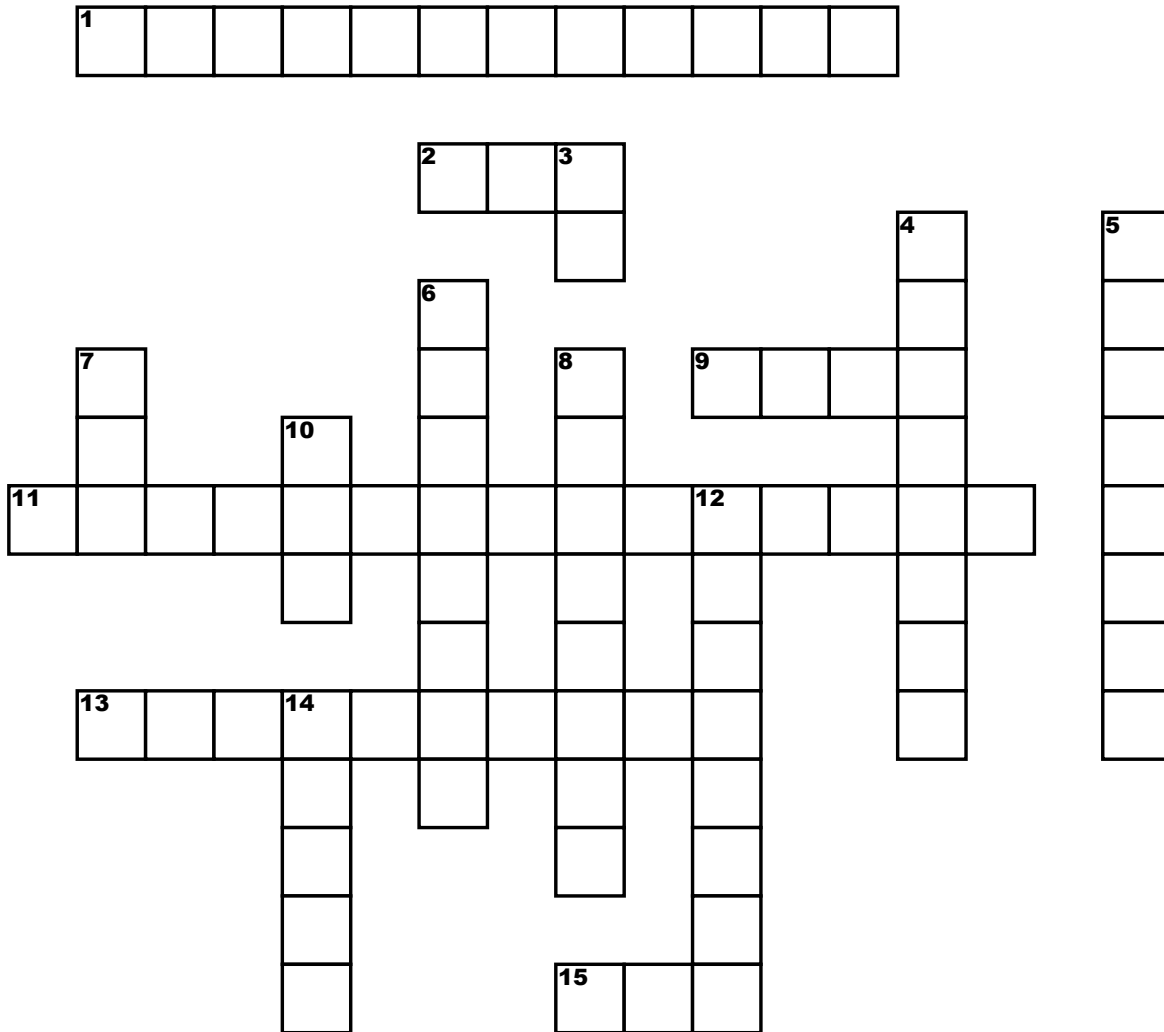


Name: _____

Date: _____

Chapter 3 Vocabulary



Across

1. a class of molecules that includes sugars, starches, and fiber; contains carbon, hydrogen, and oxygen

2. adenosine triphosphate

9. the smallest unit of an element that maintains the chemical properties of that element

11. an electron that is found in the outermost shell of an atom and that determines the atom's physical properties

13. an organic compound that consists of sugar, a phosphate, and a nitrogenous base.

15. an atom, or molecule that has gained or lost one or more electrons and has a negative or positive charge

Down

3. a value that is used to express the acidity of alkaline of a system

4. a substance made up of atoms of two or more different elements joined by chemical bonds

5. a group of atoms that are held together by chemical forces

6. the attractive force between two bodies of different substances that are in contact with each other

7. ribonucleic acid

8. a homogeneous mixture throughout which two or more substances are uniformly dispersed

10. Deoxyribonucleic acid

12. the force that holds molecules of a single material together

14. a fat molecule or a molecule that has similar properties