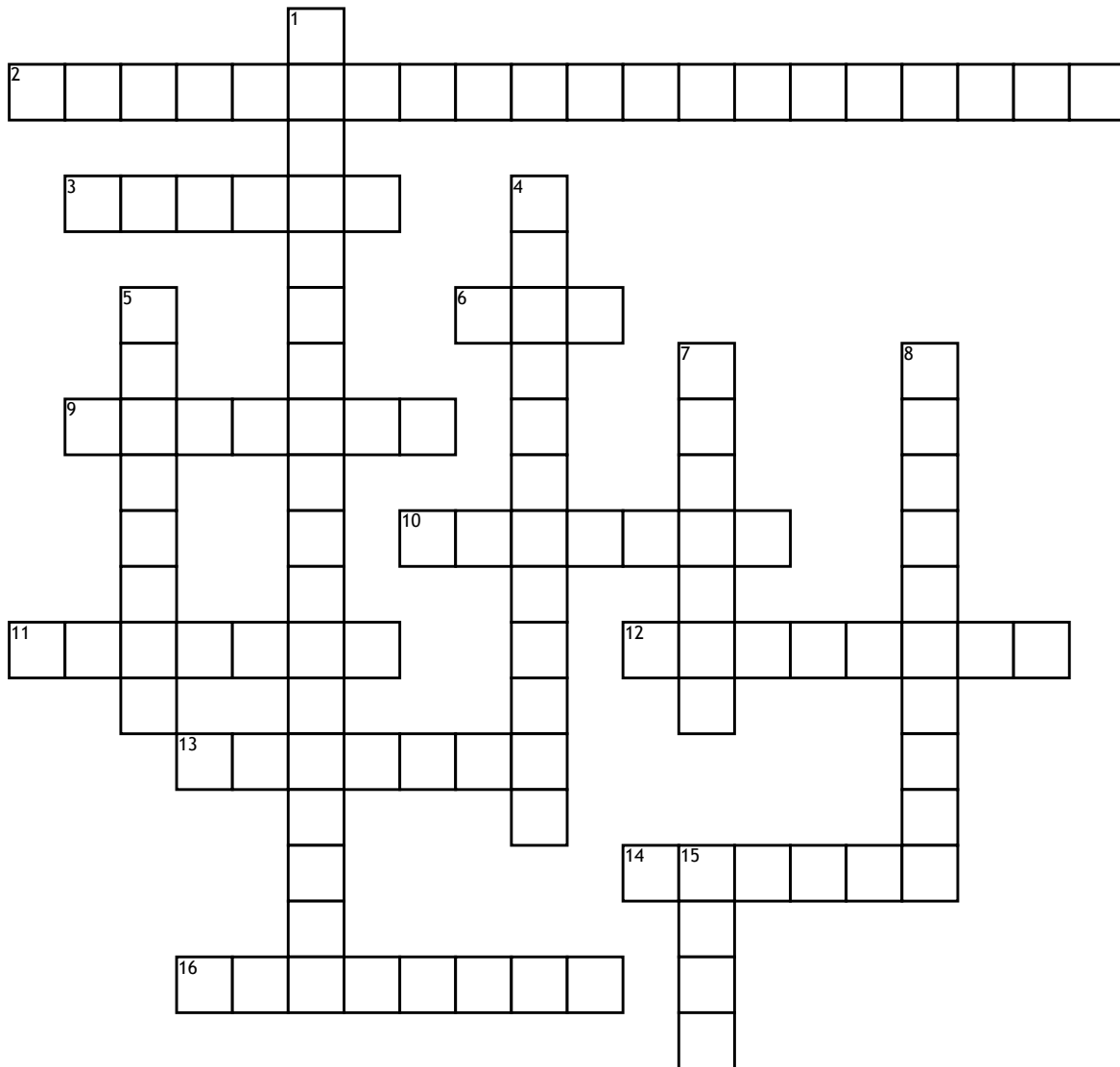


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Chapter 2 Science Vocabulary



## Across

2. A mixture which is not mixed evenly and each component retains its own properties  
 3. positively charged particle that is located in the nucleus of an atom  
 6. electrically charged atom whose charge results from an atom losing or gaining electrons  
 9. substance that contains only one type of atom for example, oxygen, aluminum and iron.  
 10. a physical property of matter that can be determined by dividing the mass of an object by its volume  
 11. atoms of the same element that have different numbers of neutrons

12. matter that is made of two or more elements and has physical and chemical properties different from each of the elements that make it up.  
 13. describes two or more substances that retain their own properties even when they are combined and that can be separated from one another by physical means  
 14. anything that has mass and takes up space; matter's properties are determined by the structure of its atoms and how they are joined  
 16. negatively charged particles that move around the nucleus of an atom and form an electron cloud

## Down

1. a mixture which is evenly mixed throughout  
 4. the number of protons in an atom  
 5. a kind of mixture in which one substance is completely and evenly mixed in another substance and is the same throughout.  
 7. particle without an electric charge that is located in the nucleus of an atom  
 8. the number of protons plus the number of neutrons in an atom  
 15. Tiny building blocks of matter, made up of protons, neutrons and electrons.