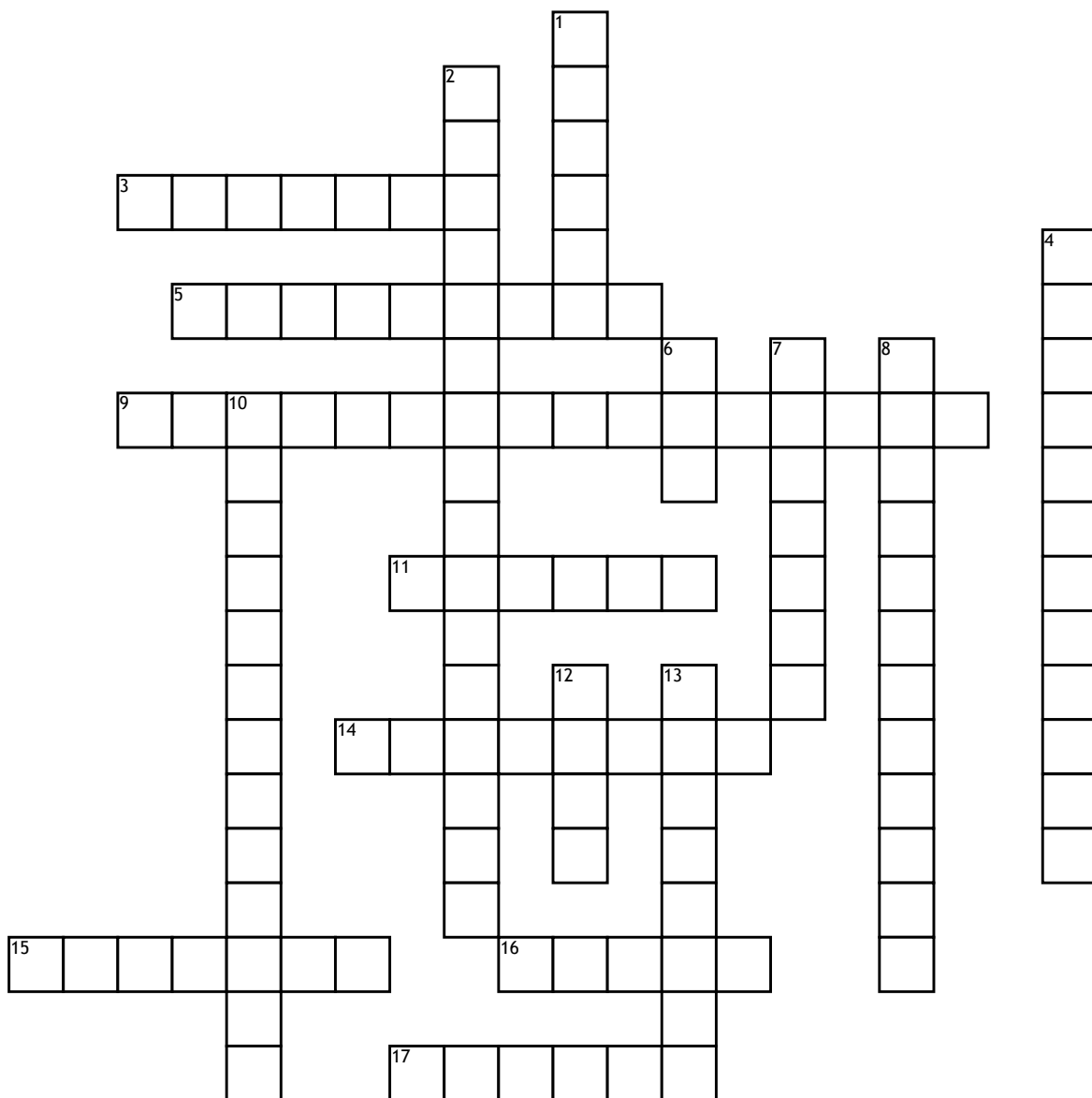


Name: \_\_\_\_\_

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

# Atomic Structure/Chemical Formula



## Across

3. The word for the number of bonds an atom is able to make  
 5. Electrically charged group of ions  
 9. Describes how reactive a substance is  
 11. Determines number of atoms in molecular formula  
 14. Negatively charged subatomic particle  
 15. Substance made up of only one type of atom

16. Name of a column in the periodic table

17. Name of a row in the periodic table

## Down

1. Positively charged subatomic particle  
 2. Melting point, boiling point etc are examples of this  
 4. Dictate the valency of transition metals  
 6. A particle that has charge

7. A neutral subatomic particle

8. Shows the number of protons an atom has

10. Electrons can be found here

12. The smallest quantity of an element which can take part in a chemical reaction

13. Substance made up of more than one type of element