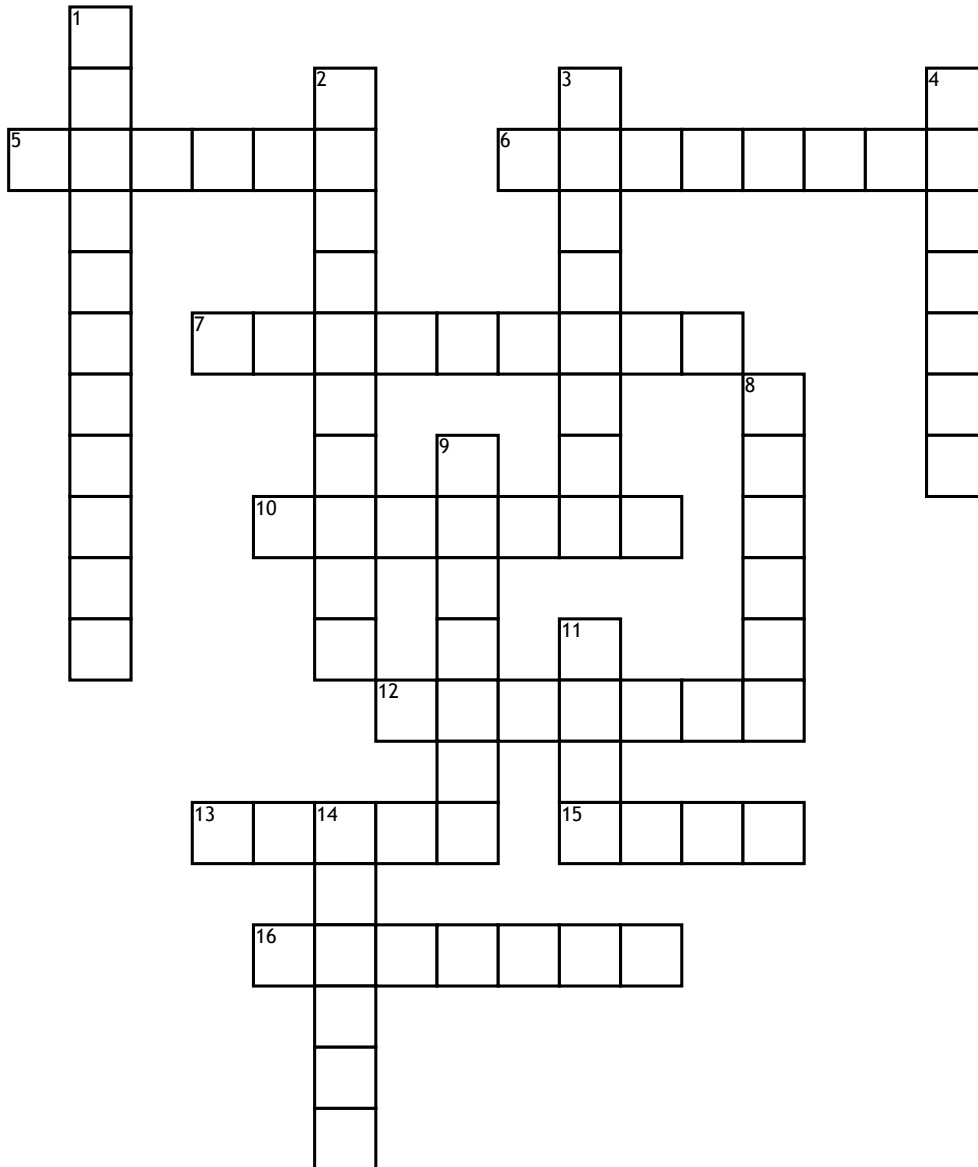


Name: \_\_\_\_\_

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

# Matter



## Across

5. anything that has mass and takes up space  
6. a group of two or more atoms that stick together  
7. circle around the nucleus  
10. matter with space between the atoms, and does not hold its shape  
12. smaller particle than an atom

13. matter with much space between the atoms, do not hold shape, and are constantly moving

15. the amount of matter in an object, usually measured in grams

16. cannot be broken down into smaller components

## Down

1. physical change from one state of matter to another

2. explain the physical and chemical qualities of matter

3. made up of two elements ex. salt= sodium+chloride

4. dependent on how tight atoms are packed

8. smaller particle than an atom

9. makes up an atom and contains a nucleus with protons and neutrons

11. the smallest particle of matter, made up of a nucleus of protons and neutrons

14. matter with atoms packed tightly