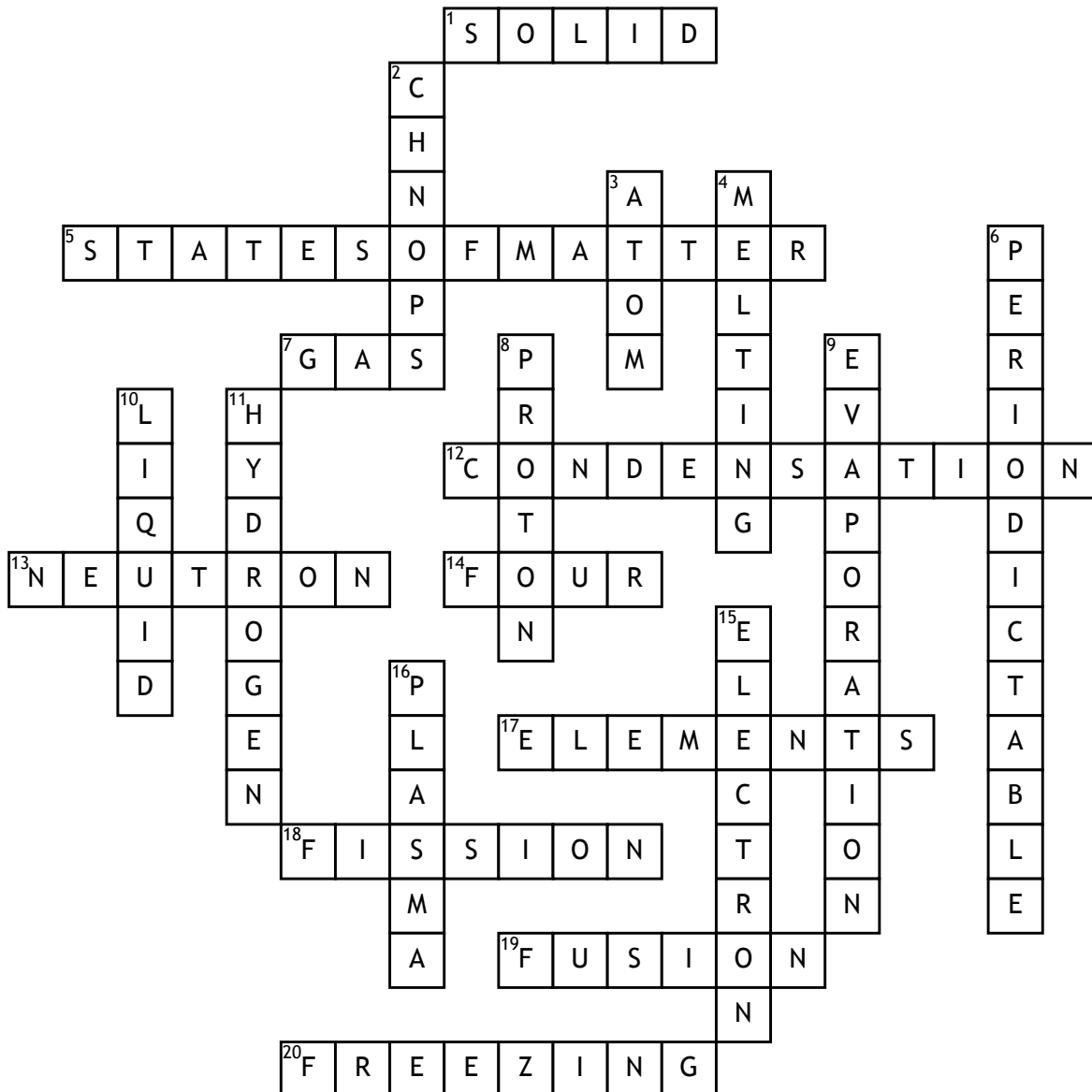


Name: \_\_\_\_\_

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

# States of Matter



## Across

1. This has a definite shape and a definite volume
5. Solids, Liquids and gases are \_\_\_\_\_
7. This has no definite shape and no definite volume
12. The process in which a gas changes to a liquid
13. A neutrally charged subatomic particle
14. There are \_\_\_\_\_ states of matter
17. The periodic table of \_\_\_\_\_

## Down

18. When an atom splits itself into another atom and they stick
19. When an atom crashes into another atom and they stick
20. The process in which a liquid changes to a solid
2. What are the 6 elements that make up all living things?
3. The basic unit of all matter
4. The process in which a solid changes to a liquid
6. This grid holds all of the elements on it

## 8. A positively charged subatomic particle

9. The process in which a liquid changes to a gas
10. This has a definite volume but no definite shape
11. This element has an atomic number of 1 (look at the periodic table of elements)
15. A negatively charged subatomic particle
16. An example of this state of matter is lightning