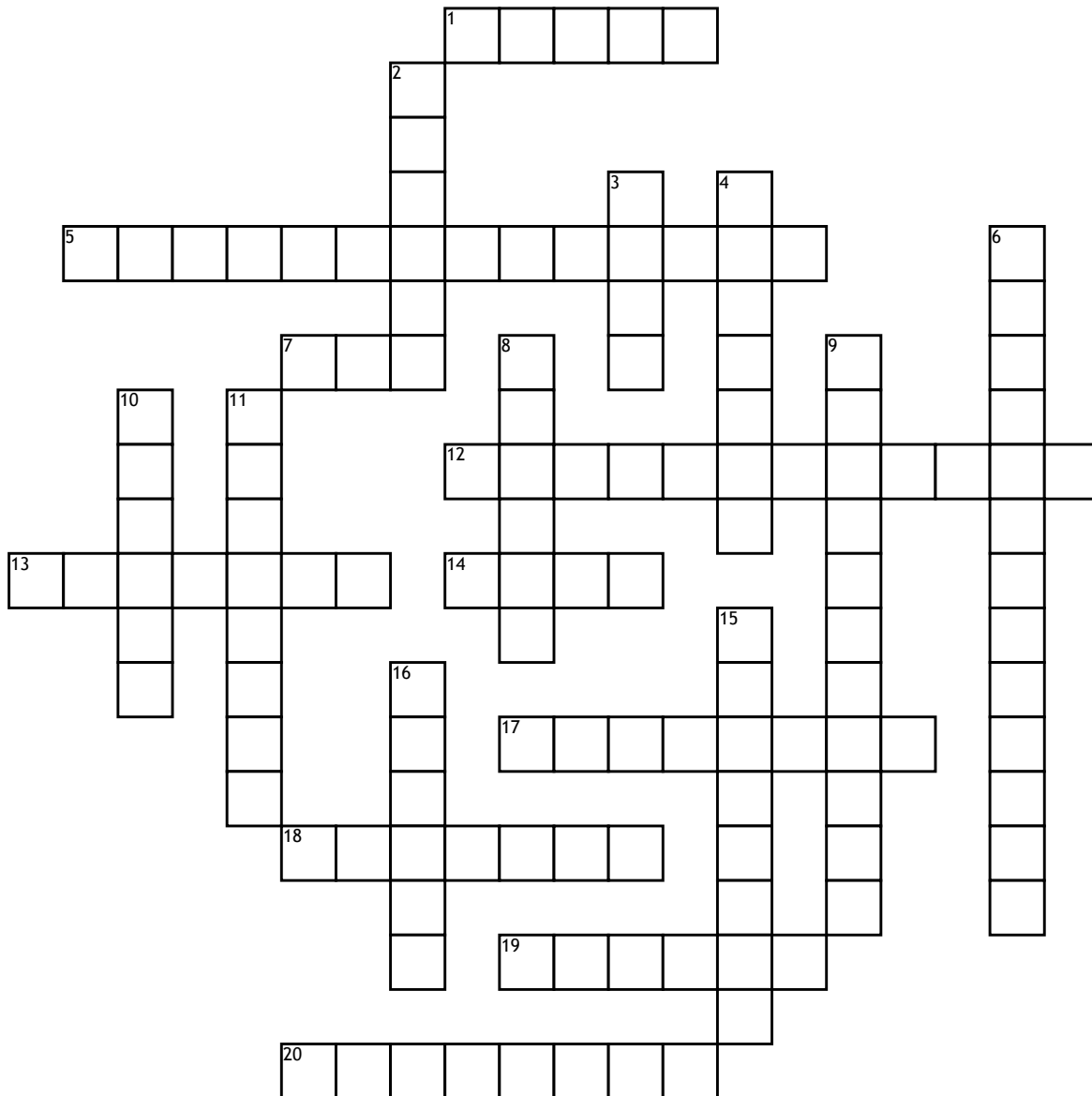


Name: _____

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 _____

18. When an atom splits itself

19. When an atom crashes into another atom and they stick

20. The process in which a liquid changes to a solid

Down

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