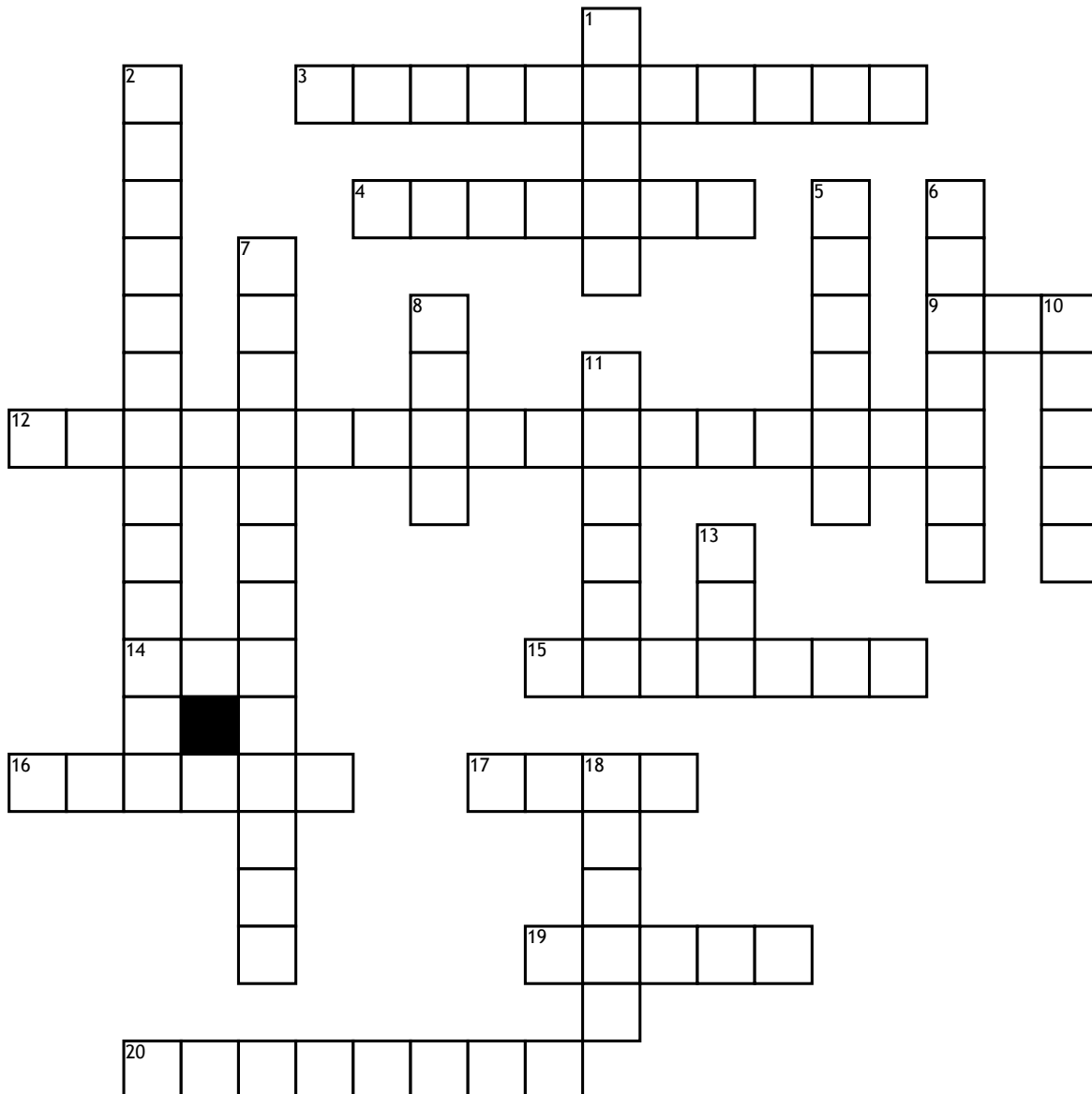


States of Matter IPC



Across

3. A _____ mixture looks all the same and cannot be separated into individual parts
 4. A substance made of only one type of atom
 9. This state has no definite volume and no definite shape
 12. At what point does a gas turn into a liquid?
 14. Solid form of water
 15. _____ is how compact an object is.

16. anything that has mass and takes up space

17. Density = _____ / Volume

19. basic unit for volume

20. a substance made of more than one type of element

Down

1. The basic unit for length

2. At what point does a Liquid turn into a Solid?

5. This state has a definite volume and no definite shape

6. A Solid has _____ packed particles

7. A _____ mixture can be separated into its individual parts (Trail Mix)

8. basic unit for mass

10. Which State has the least amount of energy?

11. How much space an object takes up- measured in mL or cm^3

13. Which State has the greatest amount of energy?

18. This state has a definite volume and definite shape