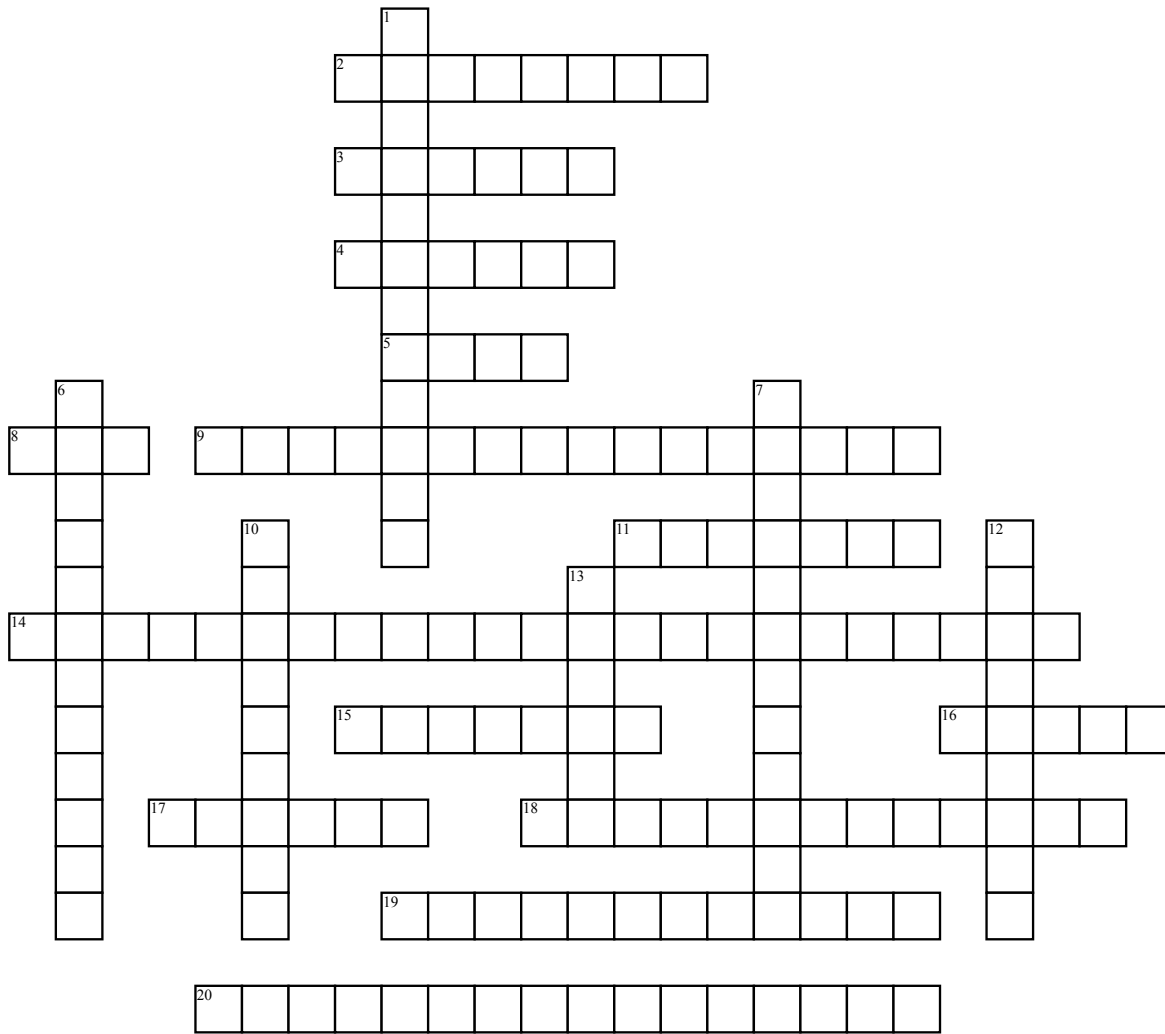


Properties of Matter



Across

2. If an object attracts to another metal it is...
3. The amount of space an object takes up
4. Has a definite volume, but no definite shape (takes the shape of its container)
5. Basic particle that makes up an element
8. Does not have a definite shape nor volume
9. Ability of a substance to change into different substances
11. Changing from a solid to liquid

14. Matter is not created or destroyed

15. The amount of matter in a given space
16. Has closely packed particles and a definite shape and volume
17. The force of gravity on an object
18. A temperature at which a liquid turns into a solid
19. When particles in a gas lose enough thermal energy to be a liquid
20. A characteristic of a pure substance that can be observed without changing it into another substance

Down

1. When a liquid becomes a gas
6. The property of something that can be physically worked under pressure without breaking
7. A specific temperature at which a substance melts
10. The property of a substance to be bent or shaped into a thin wire without breaking
12. A fluid's resistance to flow
13. Anything that has mass and takes up space