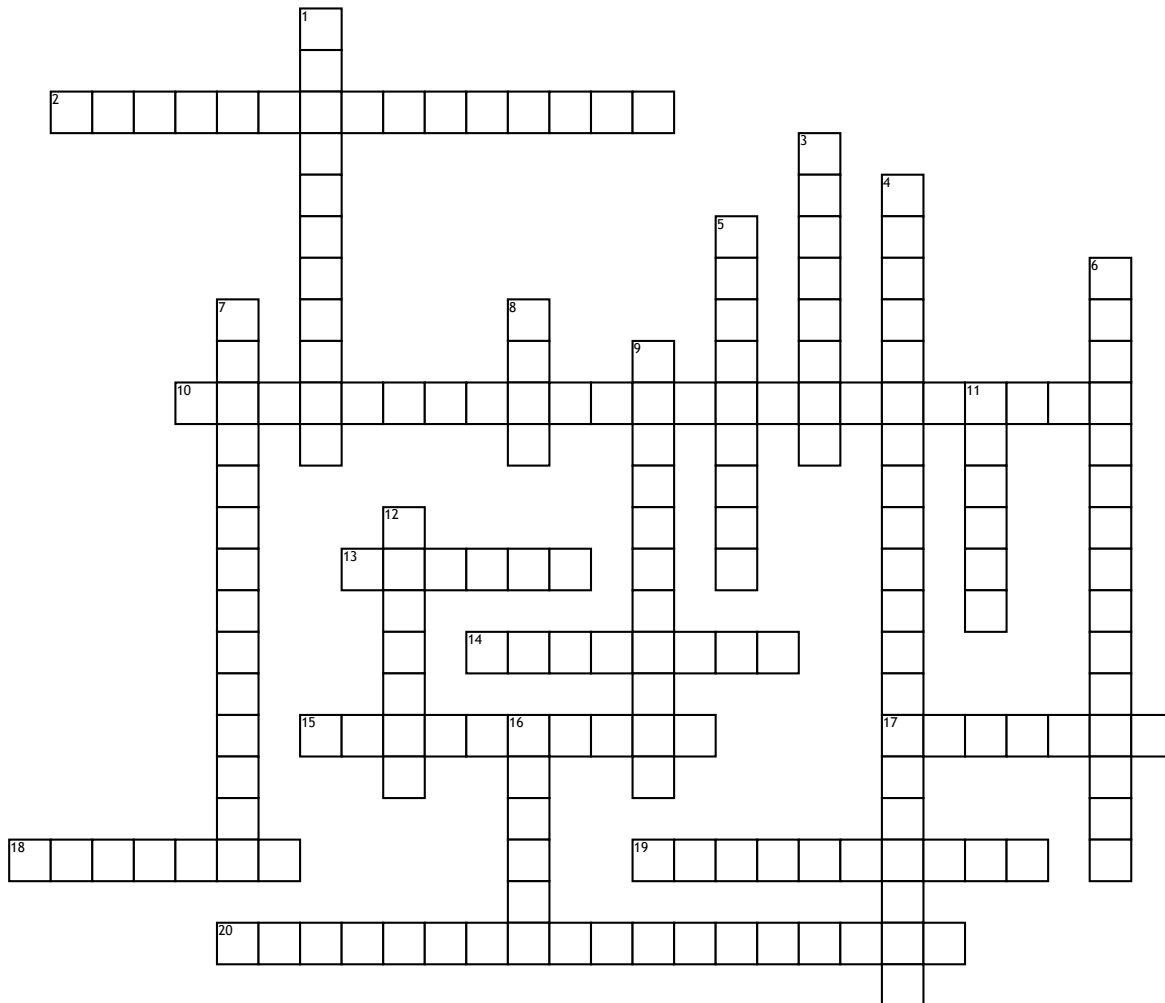


Name: _____ Date: _____ Period: _____

properties and changes of matter



Across

2. when any state of matter changes its substance that cannot be reversible
10. States that mass is neither created nor destroyed during a chemical reaction but is conserved
13. how strongly gravity pulls on an object
14. A uniform mixture that may contain solids, liquids, or gases; also called a homogeneous mixture
15. the gaseous state of water
17. the change from a state from a solid to a liquid
18. A physical blend of two or more pure substances in any proportion in which each substance retains its individual properties; can be separated by physical means

19. the characteristics of a substance.
20. One that has a uniform composition throughout and always has a single phase; also called a solution

Down

1. state a substance reaches when it changes from a solid or liquid to a gas either at room temperature or boiling temperature.
3. one substance is mixed with another and dissolves in the substance
4. One that does not have a uniform composition and in which the individual substance remain distinct
5. A form of matter that has a uniform and unchanging composition; also known as a pure substance
6. when any state of matter changes, but can come back to its original shape

7. matter are observable in everyday life: solid, liquid, gas, and plasma
8. the amount of matter in an object
9. when the farthest particles on the surface of the liquid escape into the air and become gas
11. is anything that takes up space
12. the measure of how tightly matter is packed in an object, whether how an object will float or sink, and is a combination of mass and volume
16. the space it takes up an object/ can be measured