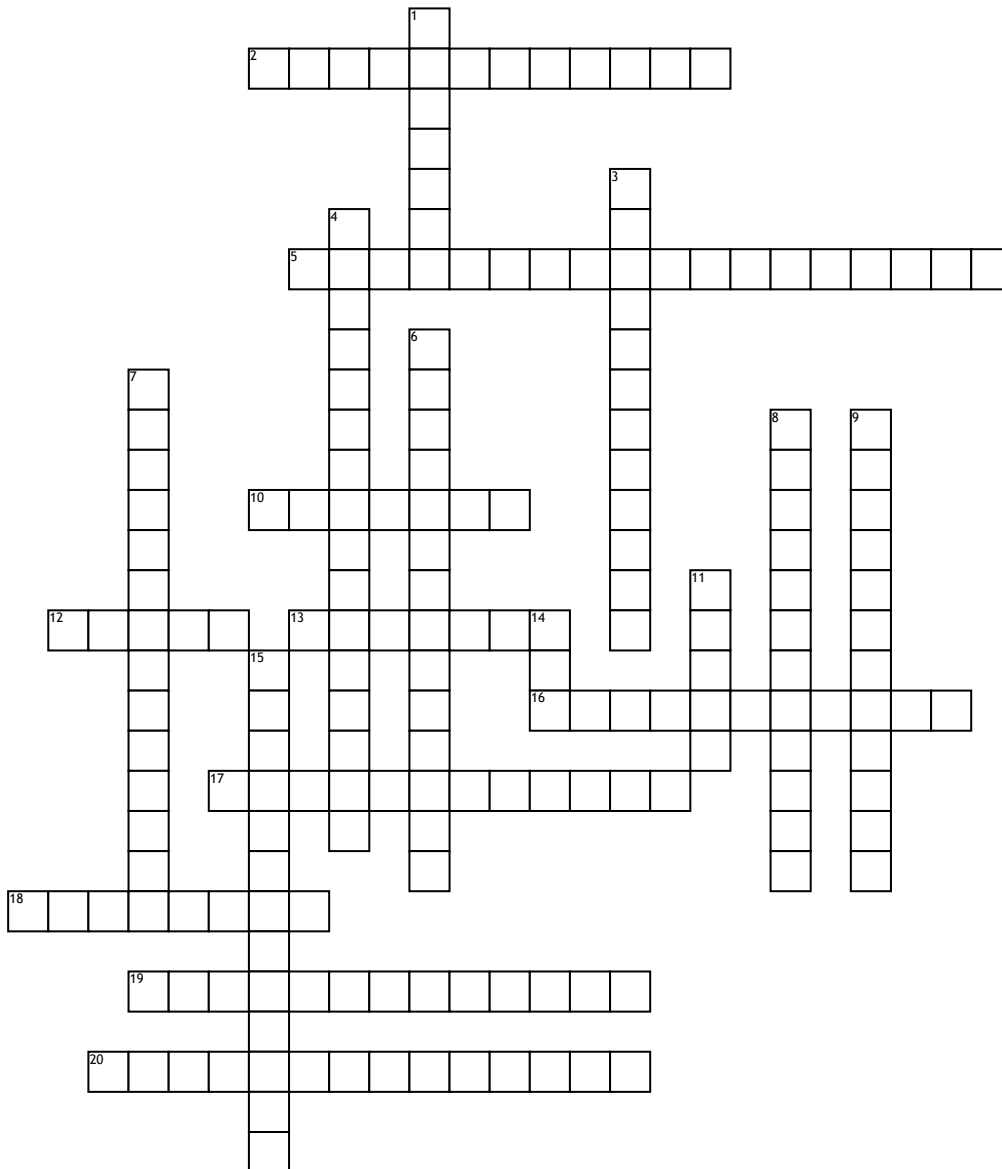


Name: _____

Date: _____

Physical and Chemical Changes



Across

2. The temperature at which a liquid boils and turns to vapor.

5. Any property that is measurable, whose value describes a state of a physical system.

10. The process by which a substance changes from the solid phase to the liquid phase.

12. A physically distinct form of matter such as a solid, liquid, or gas

13. The rapid vaporization of a liquid.

16. Anything solid that turns into a gas without first becoming a liquid.

17. The temperature at which a solid will melt.

18. Below 32 degrees Fahrenheit or 0 degrees Celsius.

19. The process of turning a liquid into a vapor.

20. Any change that causes a new substance to be formed.

Down

1. A substance that flows freely but has a constant volume

3. The process that occurs when a substance changes from a liquid or a solid to a gas

4. Identity of the substance that has been changed permanently.

6. The rearrangement of the chemical structure of a substance.

7. A reversible change in the physical properties of a substance.

8. The change of a gas to a liquid.

9. The ability of a substance to burn or ignite

11. A substance that is firm or stable in shape, but not a liquid or a fluid.

14. An air like fluid substance which expands freely to fill any space available.

15. The temperature at which a liquid turns into a solid when cooled.