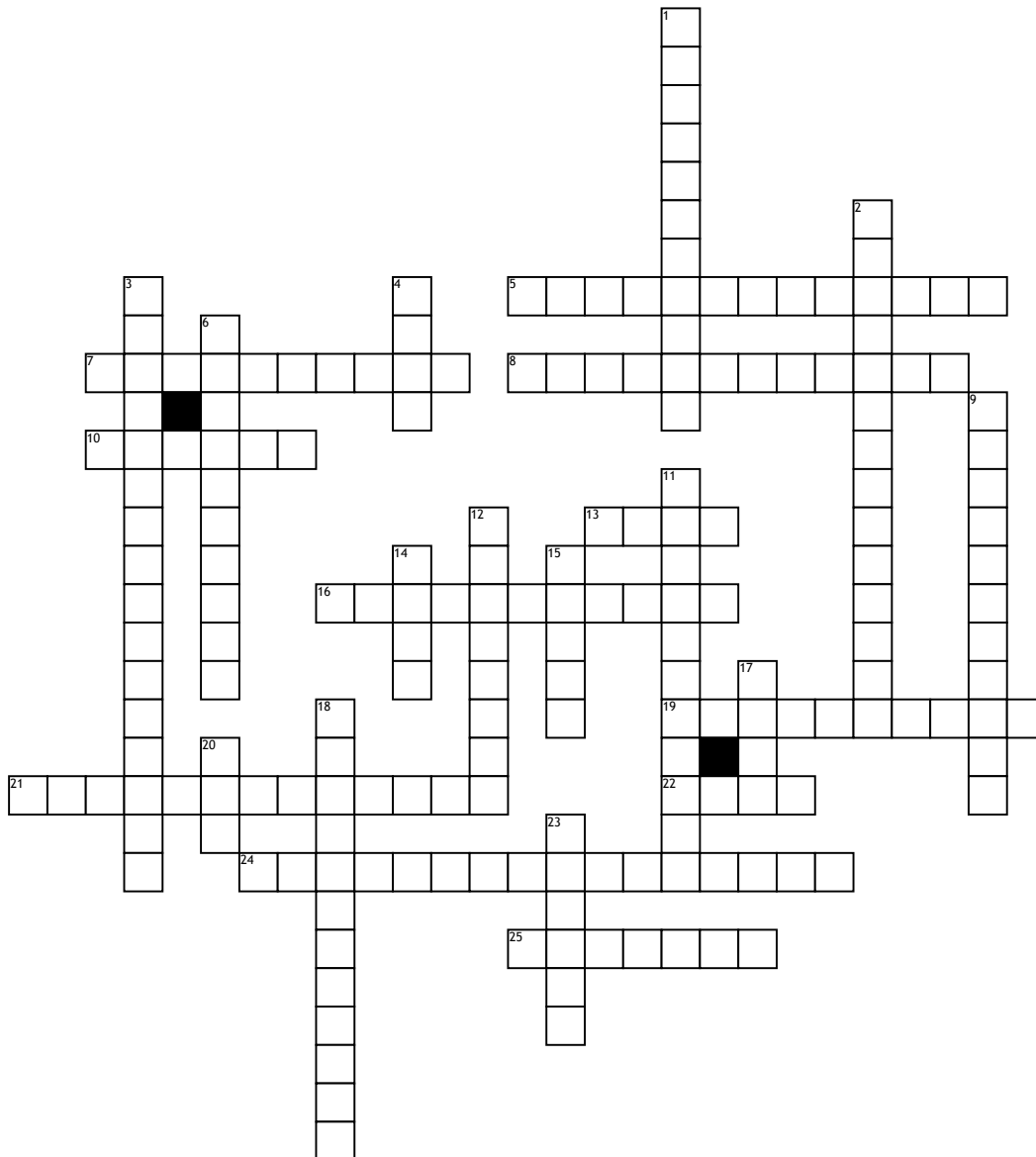


Name: _____

Date: _____

Chemistry Project



Across

5. Kind of energy that an object has due its motion
 7. Change of state of a gas to a solid without going through the liquid state
 8. change of state of a liquid into a gas
 10. Water, Milk, Orange juice
 13. force between atoms or groups of atoms
 16. Vaporization that occurs only at the surface of the liquid
 19. Chemical reactions that release thermal energy
 21. total kinetic and potential energies of an object
 22. change of state from solid to liquid

24. Process in which atoms of one or more substances rearrange to form one or more new substances

25. mass per unit volume of a substance

Down

1. measure of the average kinetic energy of all the particles in an object
 2. Change in matter ; makes new substances with new physical and chemical properties
 3. Characteristic of matter that can be observed as it changes to a different type of matter
 4. the building block of matter
 6. ability of one substance to dissolve in another
 9. change of state from solid to a gas without becoming a liquid

11. Chemical reactions that absorb thermal energy

12. characteristics used to describe somrthing

14. amount of matter in an object

15. gas state of a substance that is normally a solid or a liquid at room temperature

17. Rapid change of state from liquid to gas; vaporization

18. Change of state from a gas to a liquid

20. Matter that has no definite volume and no definite shape

23. Change of state form liquid to solid