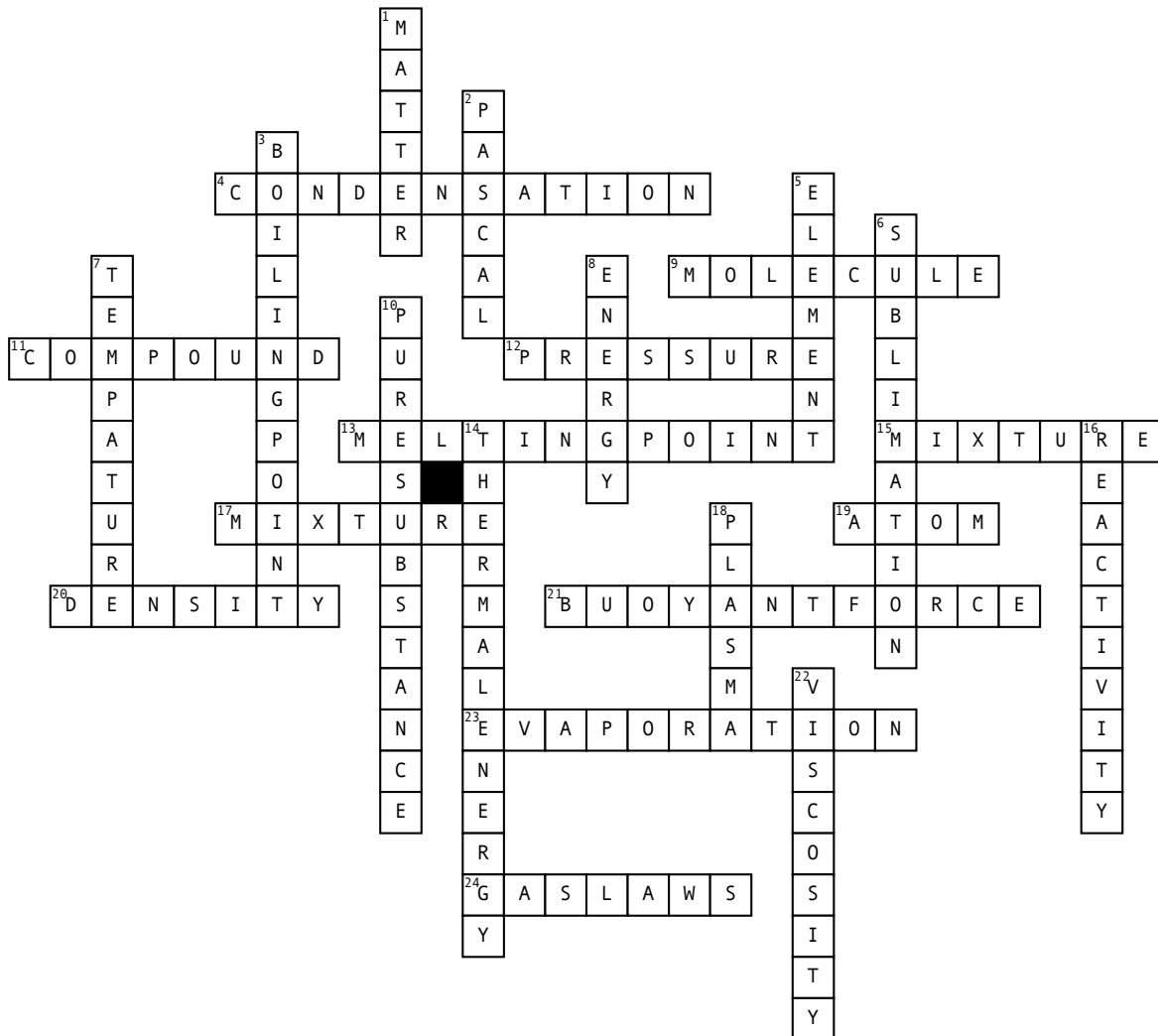


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Chapter 2-3



## Across

4. When water vapor in the air beacomes a liquid energy is released from the water to it's surroundings

9. The smallest unit of a substance that behaves like the substance

11. A substance made up of atoms of diffrent elements

12. The amount of force exerted on a given area of surface

13. The tempature at which a substance changes from a solid to liquid

15. A combination of substances that are not chemically combined

17. A combination of substances that are not chemically combined

19. The smallest unit of an element that keeps the element's chemical properties

20. A measurement of how much matter is contained in a certain volume of a substance

21. Pushes the duck up

23. The change of a substance from a liquid to a gas

24. Describe how the behavior of gases is affected by pressure,volume, and tempature

## Down

1. Anything that has mass and takes up space

2. The SI unit of pressure

3. The tempature at which a liquid changes to a gas

5. A substance that cannot be broken down into simpler substances by chemical means

6. Solids can also change directly into gases in a process called

7. A measure of the average kinetic energy of the particles in an object

8. The ability to change or move matter, or to do work

10. Matter that has a fixed composition and definite properties

14. The total kinetic energy of the particles that make up a substance

16. The capacity of a substance to combine with another substance

18. A state of matter that does not have a definite shape or volume

22. A liquid's resistance to flow