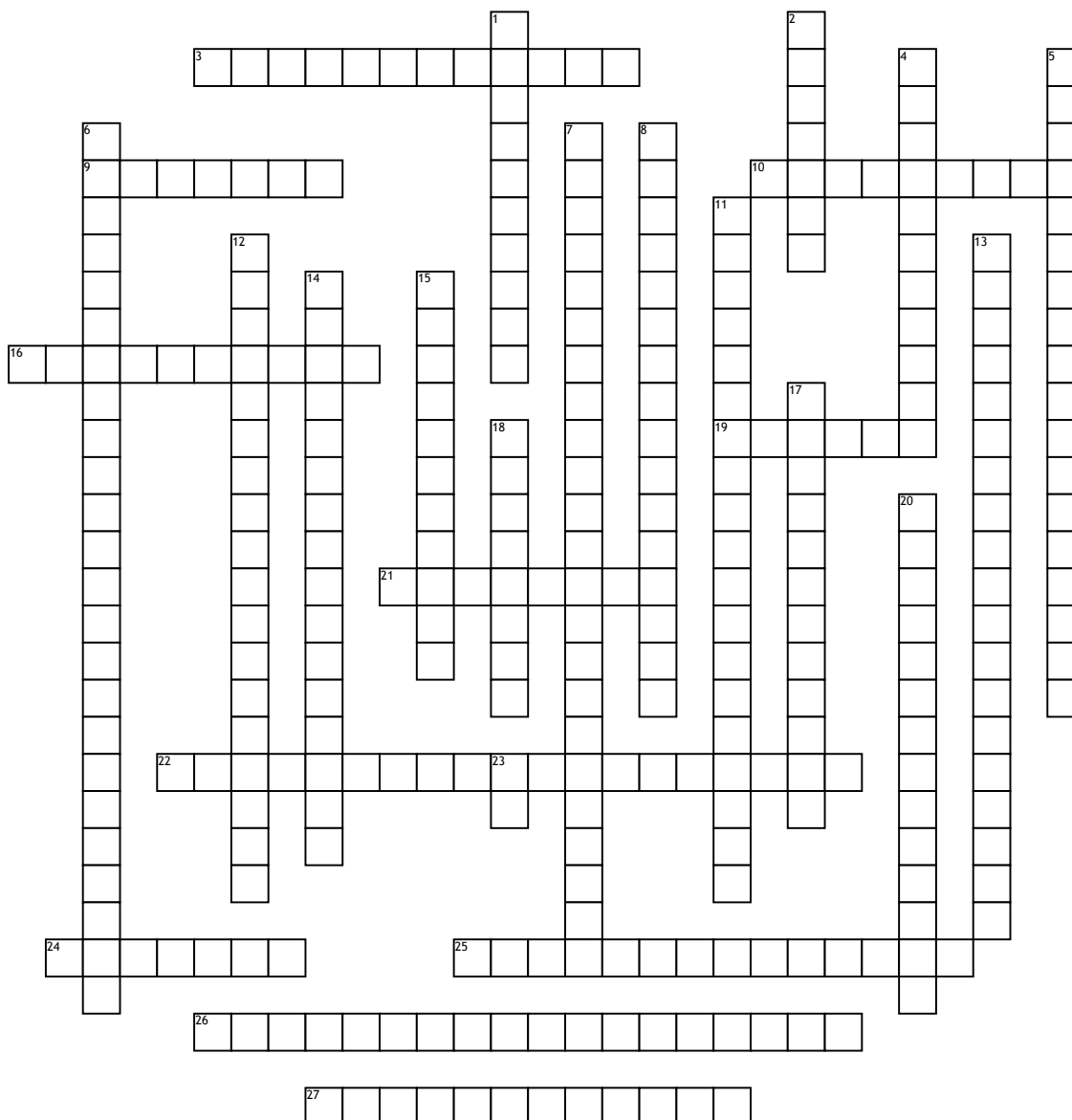


Name: _____ Date: _____ Period: _____

Vocabulary crossword



Across

3. Temperature at which solids turn to liquid; 0 degrees Celsius
 9. Is a measure of solution that has an excess of H⁺ ions
 10. The numbers behind the chemical symbols
 16. An environment where matter can enter or escape
 19. A substance that is dissolved in a solution.
 21. The substances present before the reaction occurs
 22. Those that change if the amount of material in the sample changes (mass, volume, and length)
 24. In a solution, the substance in which the solute dissolves.
 25. The type of matter is not changed, nothing new or different is formed.
 26. The way a substance may change or react to form other substances. (Like reactivity to other chemicals)

27. Temperature at which liquid turns to gas; 100 degrees Celsius

Down

1. The ability to dissolve in a liquid
 2. The substances created after the reaction takes place
 4. A solid that is produced from a liquid solution during a chemical change/reaction
 5. A reaction that releases energy in the form of heat - temperature of a substance goes down
 6. A chemical equation with the same number of atoms of each element on both sides of the equation
 7. During a chemical reaction matter can not be created or destroyed
 8. Is written as an expression similar to mathematical equation that can be compared to a recipe that a chemist follows in order to produce desired results
 11. The same no matter how much of the material is present in a sample

12. Anything that can be observed without changing the identity of the substance. (Tends to be measurable, like boiling point)

13. A reaction that absorbs energy in the form of heat - temperature of substance goes down

14. When bonds between the electrons of atoms are formed or broken

15. The numbers in the front of chemical symbols

17. An environment where matter cannot enter or escape

18. Is a measure of a solution that has an excess of OH⁻ ions. (alkali)

20. The composition of a substance changes. Something new is formed. Evidenced by the production of a precipitate, gas bubbles, endothermic reaction or exothermic reaction.

23. Is a measure of how acidic or basic solution is.