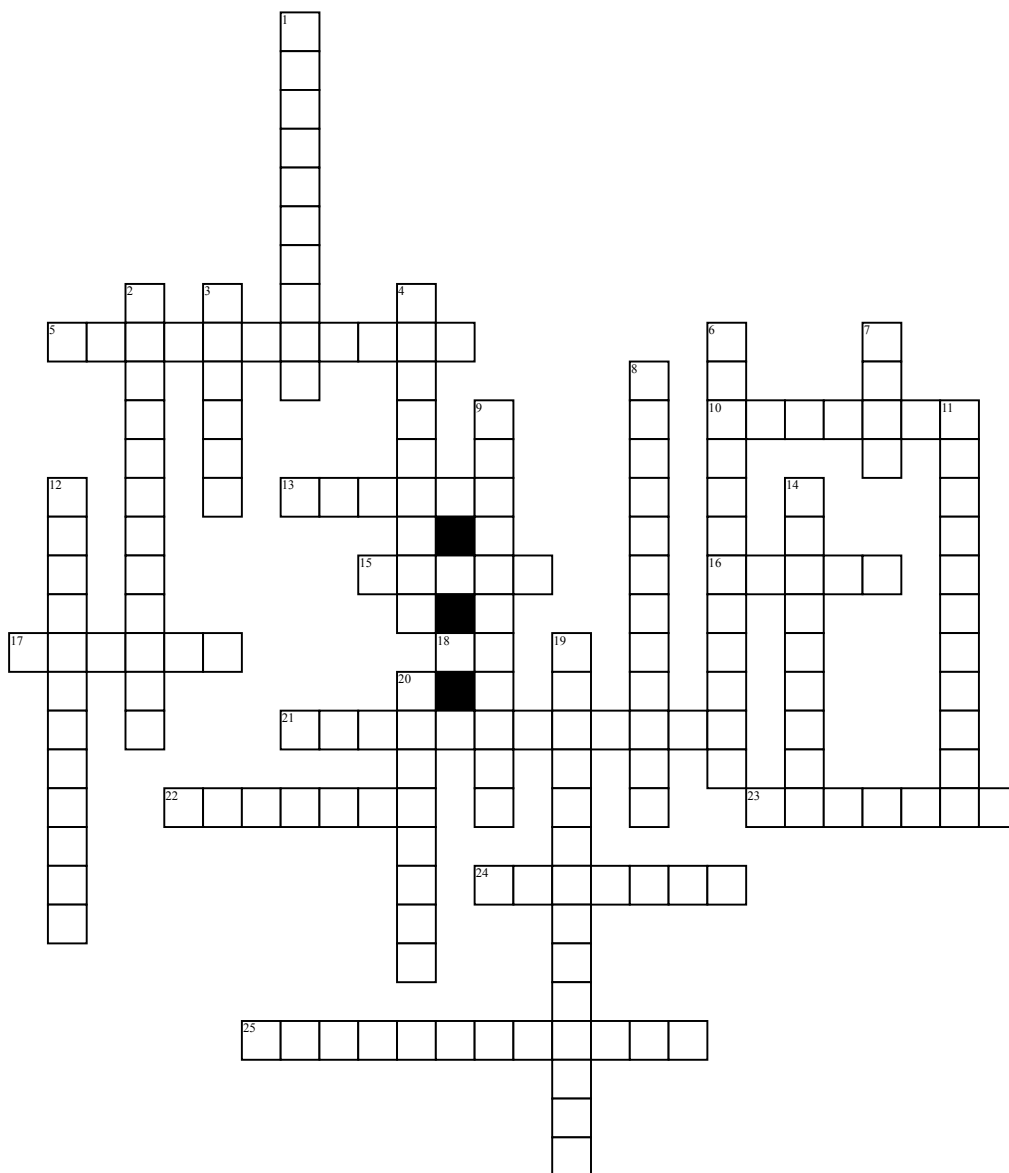


Chemistry Vocabulary Crossword



Across

5. the change of a liquid to a gas
 10. have no fixed shape and take on the shape of the container they're in. particles are packed almost as closely as solids. particles can move around one another freely
 13. a fourth state of matter distinct from solid and liquid or gas and present on stars and fusion reactors
 15. a compound that has a pH of more than seven; releases hydroxide ions or releases an electron pair
 16. no definite shape or volume. the molecules are more spread out. atoms or molecules that have high energy
 17. a state of matter on which the object has a definite shape and volume. particles are tightly packed together. very low energy; particles vibrate but can't move

18. the measure of how acidic or basic a solution is; the negative log of the concentration of hydrogen ions
 21. H_3O^+ , the conjugate acid ion that is made during self-ionization of water
 22. able to dissolve in a solute
 23. the temperature at which a solid becomes a liquid
 24. the liquid in which a solute is dissolved to form a solution
 25. the change of a gas to a liquid

Down

1. relates the temperature of a gas to its volume
 2. conversion of a liquid to a gas or vapor
 3. the minor component in a solution, dissolved in the solvent
 4. describes the relationship between pressure of a gas sample and its volume

6. the temperature at which a solid becomes a liquid; 0 degrees C
 7. a compound that has a pH of less than seven; releases or donates hydrogen ions in solution or accepts an electron pair
 8. the temperature at which a liquid changes to a gas; 100 degrees C
 9. a transition of matter from one state to another
 11. a change directly from the solid to the gaseous state without becoming liquid
 12. OH^- ; the conjugate base ion that is made during the self-ionization of water
 14. unable or barely able to be dissolved in a solute
 19. a chemical reaction between an acid and a base that produces water and a salt
 20. change from liquid to solid