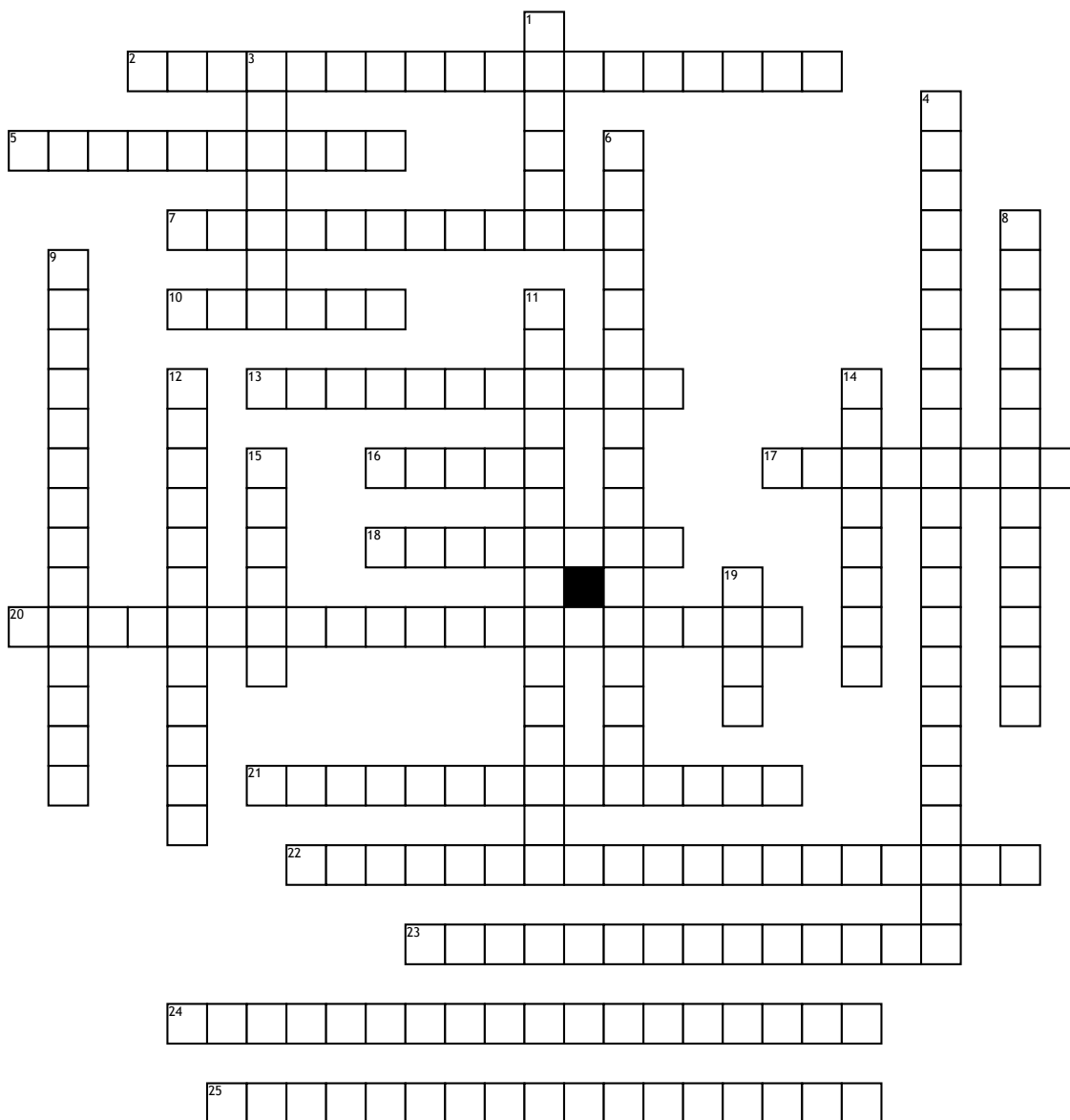


Name: \_\_\_\_\_

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

# Properties of Water



## Across

2. Any property that is measurable  
 5. amount of substance that dissolves in a given quantity  
 7. amount of heat needed to increase the temperature of 1g  
 10. The volume of a cube measuring 10 centimeters on each edge  
 13. Compound that conducts an electric current when it is in an aqueous solution  
 16. A condensable gas  
 17. Concentration of solute in a solution expressed as the number of moles of solute  
 18. Process of preparing a less concentrated solution from a more concentrated solution

20. Solution containing a large amount of solute  
 21. an inward force that tends to minimize the surface area of a liquid  
 22. a solution that contains less solute than a saturated solution  
 23. Solution that contains a small amount of solute  
 24. The amount of energy needed to convert a liquid to a gas  
 25. Covalent bonds between atoms in which the electrons are shared unequally

## Down

1. Measure of the space occupied by a sample of matter  
 3. The dissolving medium in a solution

4. A solution that contains more solute than it can theoretically hold at a given temperature  
 6. Solution containing the maximum amount of solute for a given amount of solvent  
 8. Measurement of the amount of solute that is dissolved in a given solvent  
 9. Compound that does not conduct an electric current in molten state  
 11. 2 hydrogen atoms for single polar bonds with 1 oxygen atom  
 12. Attraction between negative regions to positive regions  
 14. Homogenous mixture; consists of solutes dissolved in a solvent  
 15. Dissolved particles in a solution  
 19. Amount of a substance that contains  $6.02 \times 10^{23}$