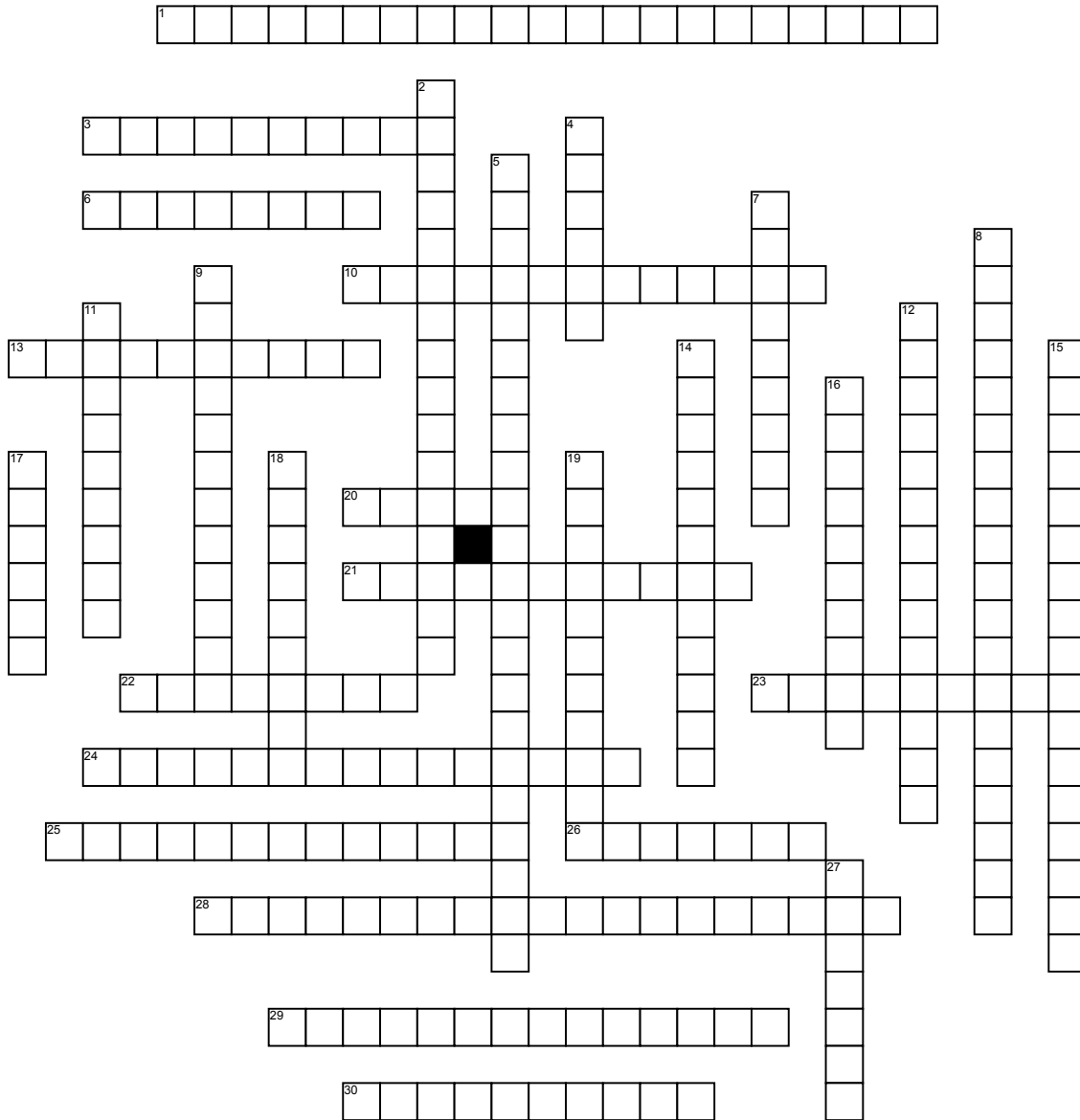


Name: _____

Date: _____

Solutions



Across

- 1. A mixture in which different parts can be easily distinguished
- 3. a mixture in which fine particles are suspended in a fluid where they are supported by buoyancy
- 6. a molecule in which all atoms have the same electronegativity and the electron distribution is equal
- 10. mass of solute/mass of solution x 100%
- 13. gives off heat
- 20. describes a molecule in which the positive and negative charges are separated
- 21. a solution that conducts electricity
- 22. describes two or more liquids that are able to dissolve into each other in various proportions
- 23. a mixture where substances are distributed evenly. Has a solvent & solute.
- 24. volume of solute/volume of solution x 100
- 25. scattering of a light beam as it passes through a colloid

- 26. a mixture in which the particles are dispersed throughout but are not heavy enough to settle out
 - 28. a mixture in which you cannot see the different parts
 - 29. a liquid or solid substance or mixture that does not allow an electric current
 - 30. the ability of one substance to dissolve in another at a given temperature and pressure
- Down**
- 2. Water- due to its polarity and ability to dissolve many different solutes
 - 4. substance that is dissolved in a solvent to make a solution
 - 5. a solution that holds more dissolved solute than is required to reach equilibrium at a given temperature
 - 7. a liquid's resistance to flow
 - 8. a solution that contains less solute than a saturated solution does and that is able to dissolve additional solute

- 9. particles in a solution brought on by a chemical reaction
- 11. the process of surrounding solute particles with solvent particles to form a solution
- 12. the random motion of small particles suspended in a gas or liquid
- 14. a solution containing relatively large amounts of solute
- 15. Contains the maximum amount of dissolved solute for a given amount of solvent at a specific temperature and pressure
- 16. describes two or more liquids that do not mix into each other
- 17. make (a liquid) less concentrated; reduce in strength; Ex. dilute the influence of the president
- 18. the process of combining with water
- 19. energy is absorbed
- 27. a liquid substance capable of dissolving other substances