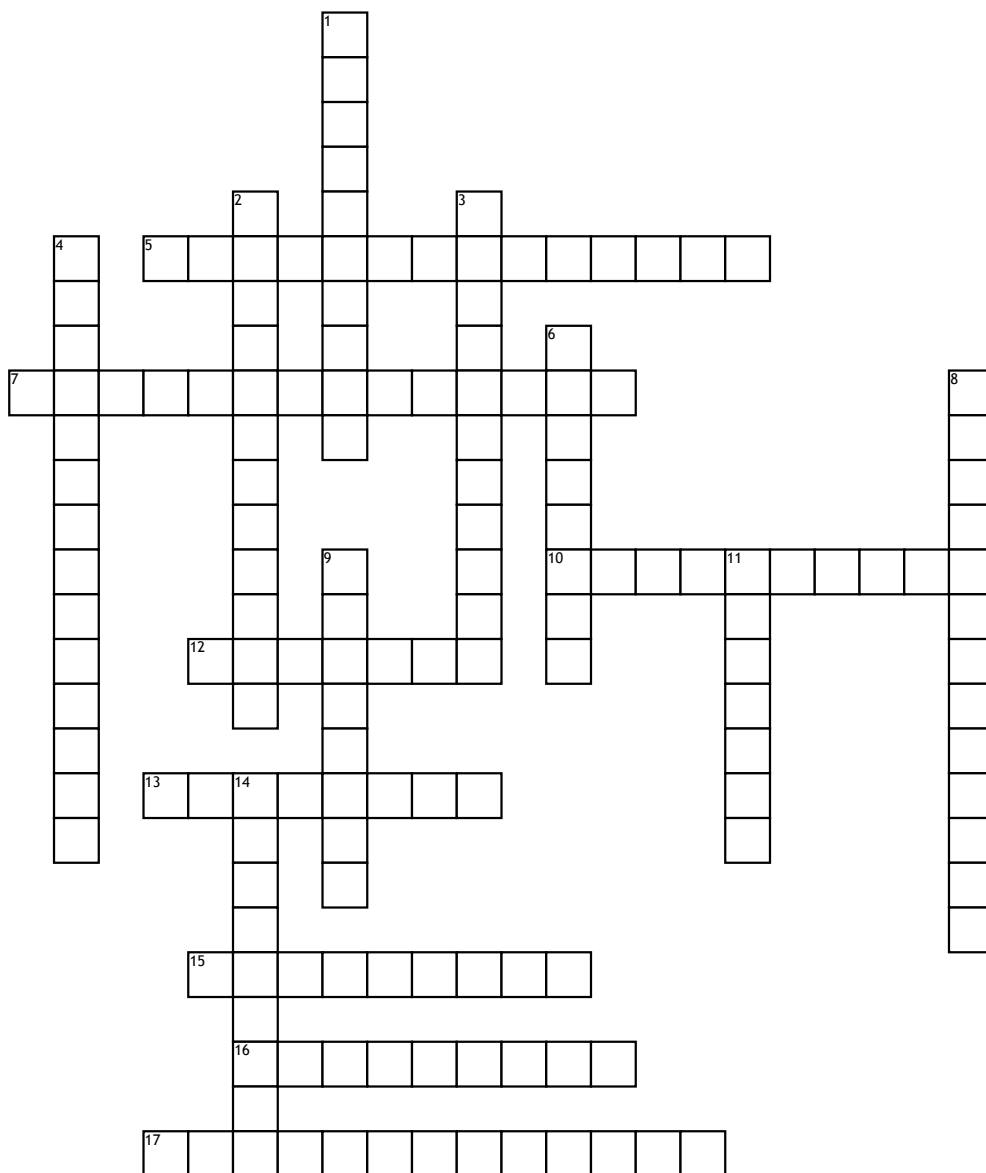


Name: _____

Date: _____

Molarity and Dilutions



Across

5. the erratic movement of colloid particles

7. the overall energy change that occurs during the solution formation process

10. two liquids that can be mixed together but separate shortly after

12. heterogeneous mixture of intermediate sized particles

13. two liquids that are soluble in each other in any proportion

15. contains the maximum amount of dissolved solute for a given amount of solvent at a specific temperature and pressure

16. a substance that does not dissolve in a solvent

17. when dispersed colloid particles scatter light

Down

1. a mixture containing particles that settle out if left undisturbed

2. the ratio of the number of moles of solute or solvent in solution to the total number of moles of solute and solvent

3. contains less dissolved solute for a given temperate and pressure

4. contained more dissolved solute than a saturated solution at the same temperature

6. the ratio of the number of moles of solute dissolved in 1 kg of solvent

8. measure of how much solute is dissolved in a specific amount of solvent or solution

9. the number of moles of solute dissolved per liter of solution

11. is able to be dissolved into a solvent

14. the process of surrounding solute particles with solvent particles to form a solution