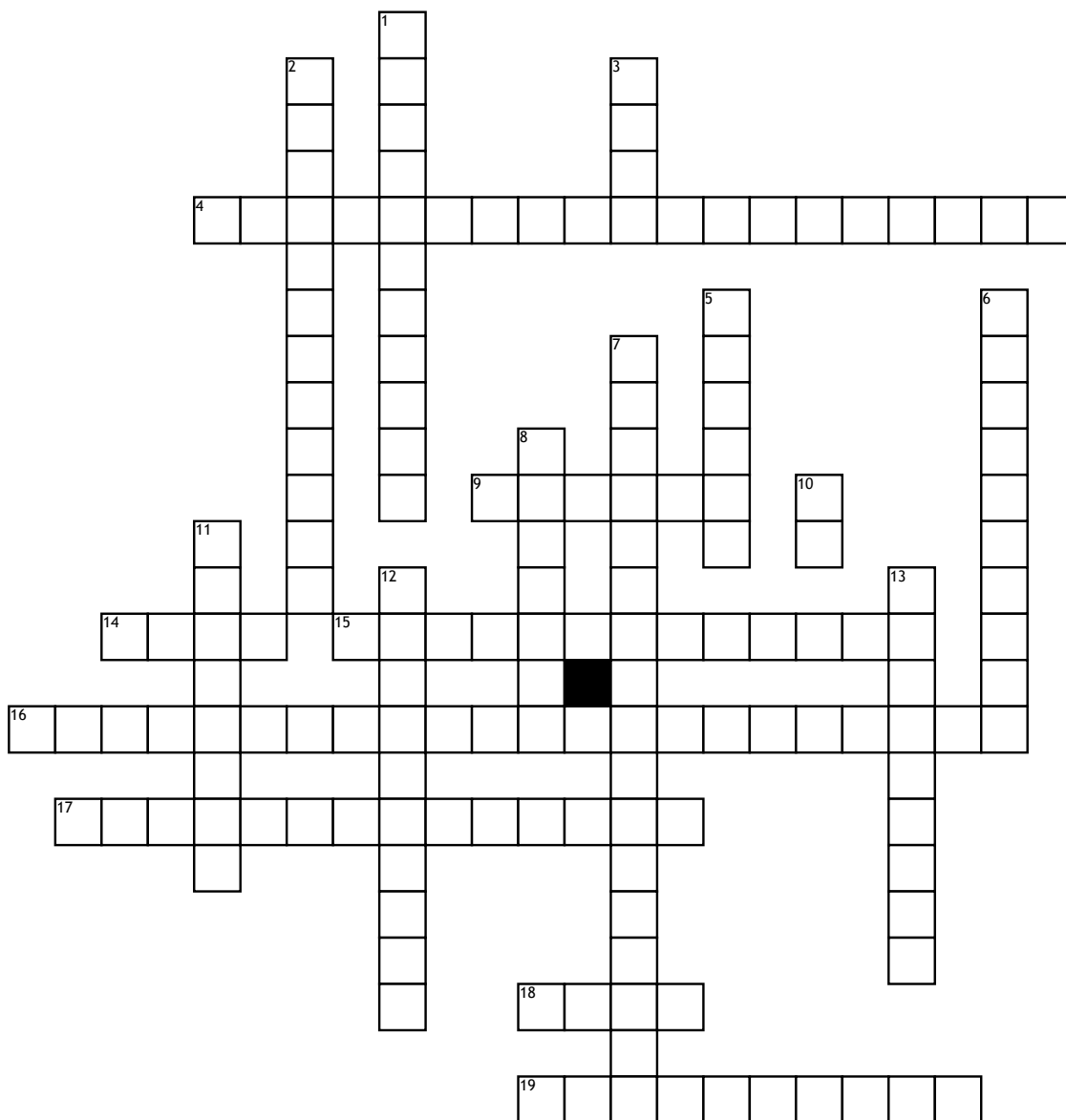


Name: _____

Date: _____

Solutions, Acids, and Bases



Across

4. a solution that has less than the maximum amount of solute that can be dissolved

9. is a substance whose particles are dissolved in a solution

14. the negative ions in an acid combine with the positive ions in a base to produce an ionic compound

15. the amount of solute dissolved in a specified amount of solution

16. one that contains more solute than it can normally hold at a given temperature

17. the reaction between acid and a base

18. a compound that produces hydronium ions when dissolved in water

19. the process in which neutral molecules gain or lose electrons

Down

1. a substance that ionize or dissociates into ions when it dissolves in water

2. the process in which an ionic compound separates into ions as it dissolves

3. a compound that produces hydroxide ions when dissolved in water

5. a solution that is resistant to large changes in pH

6. breaking into small pieces that spread throughout the water

7. one that contains as much solute as the solvent can hold at a given temperature

8. the substance in which the solute dissolves called

10. a solution is a measure of its hydronium ion concentration

11. the number of moles of a solute dissolved per liter of solution

12. the maximum amount of a solute that dissolves in a given amount of solvent at a constant temperature

13. any substance that changes color in the presence of an acid or base