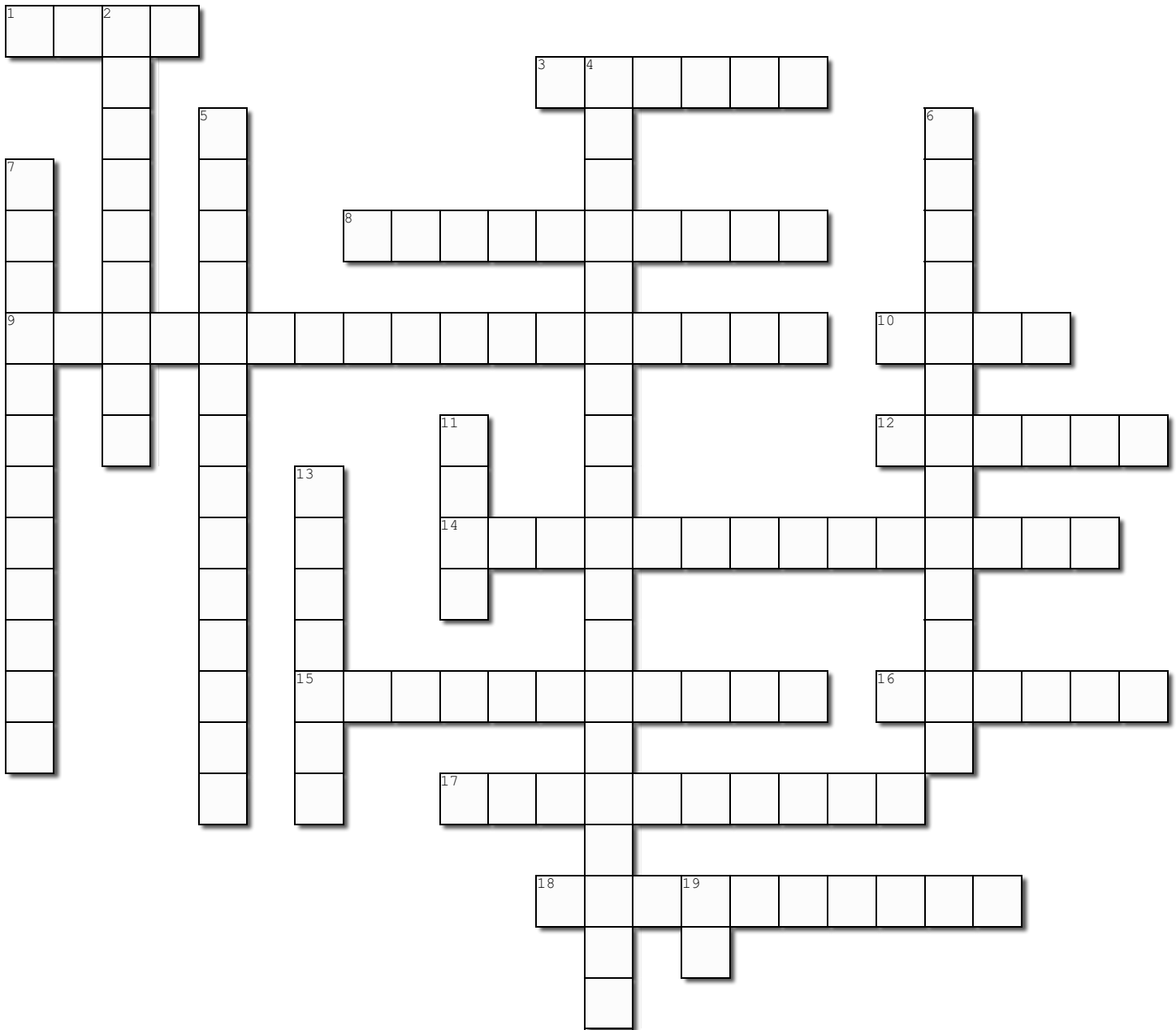


Name: _____

Physical Science Chapter 8 Vocabulary Crossword Puzzle

Fill in the vocabulary word that goes with each definition.



Across

1. a compound that produces hydronium ions when dissolved in water
3. a solution that is resistant to large changes in pH
8. the process in which neutral molecules gain or lose electrons
9. a solution that contains as much solute as the solvent can hold at a given temperature
10. _____ acids/bases only partially dissociate into ions when dissolved in water
12. _____ acids/bases fully dissociate into ions when dissolved in water
14. a solution that contains more solute than it can normally hold at a given temperature
15. a substance that ionizes or dissociates into ions when it dissolves in water
16. a substance whose particles are dissolved in a solution
17. the maximum amount of solute that dissolves in a given amount of solvent at a constant temperature
18. when a substance dissolves by breaking into small pieces that spread throughout the solvent

Down

2. any substance that changes color in the presence of an acid or base
4. a solution that has less than the maximum amount of solute that can be dissolved at a given temperature
5. the reaction between an acid and a base
6. the amount of solute dissolved in a specified amount of solution
7. the process in which an ionic compound separates into ions as it dissolves
11. a compound that produces hydroxide ions when dissolved in water
13. the substance in which the solute dissolves in
19. a measure of the hydronium ion concentration