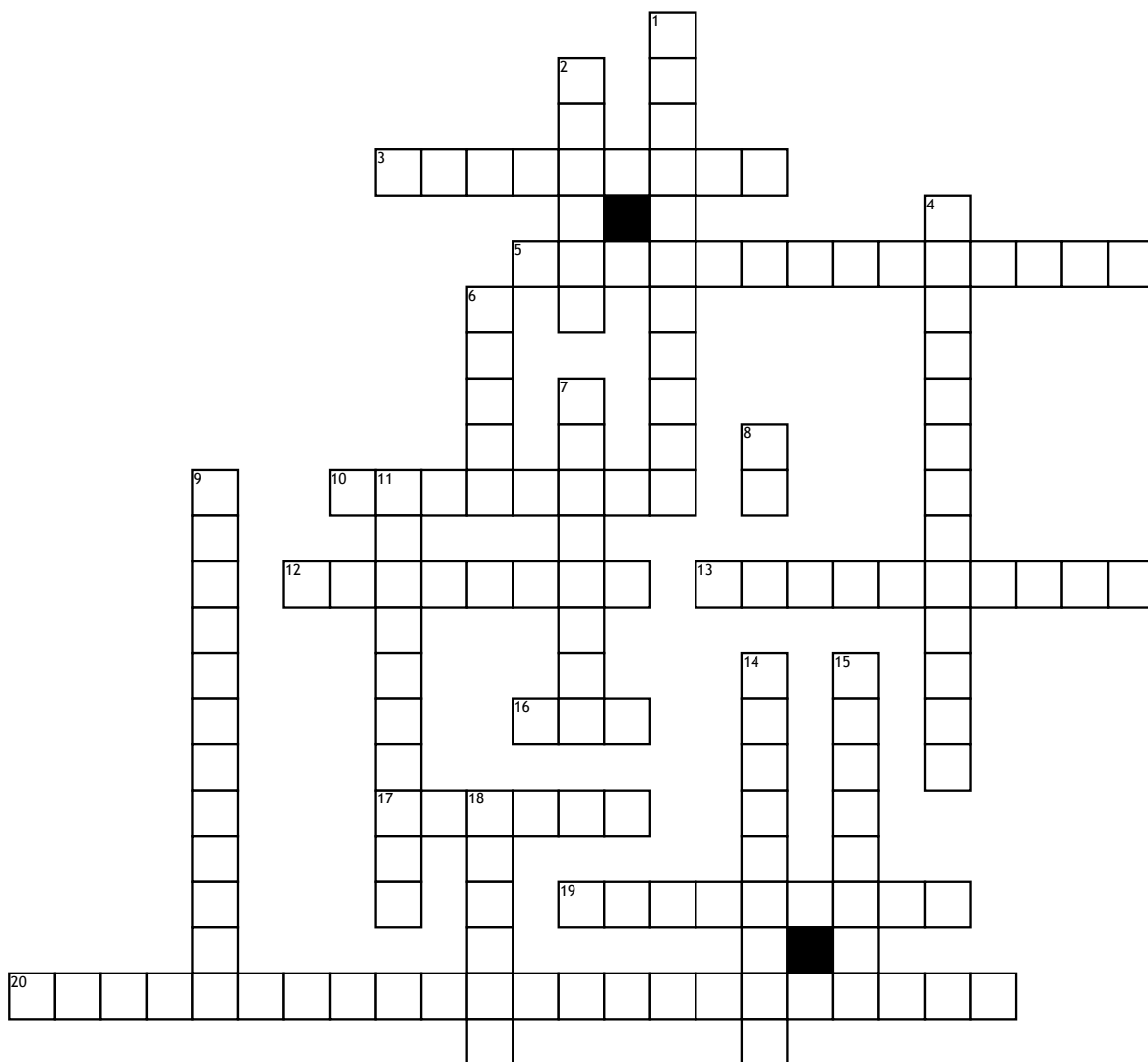


# Chemistry EOY Review



## Across

3. An Arrhenius base must contain \_\_\_\_.

5. The name of NaF.

10. The element with the largest radius.

12. An Arrhenius acid formula must begin with \_\_\_\_.

13. In a chemical reaction new \_\_\_\_ are formed from starting substances.

16. The color light with the longest wavelength.

17. The color light with the shortest wavelength.

19. The part of the electromagnetic spectrum with the greatest energy.

20. The theory that states particles of an ideal gas are in random, constant, straight-line motion

## Down

1. The concentration of the products and the concentration of the reactants are constant.

2. Subatomic particle with charge of +1 and mass of 1 amu.

4. How much solute is dissolved in a specific amount of solution.

6. The element with symbol B.

7. The system and surroundings make up the \_\_\_\_.

8. The charge of elements in Group 17.

9. The temperature at which the forces holding its crystal lattice together are broken and it becomes a liquid.

11. The part of the electromagnetic spectrum with the least amount of energy.

14. Substance that enters a chemical reaction.

15. Metallic properties \_\_\_\_ as you go from top to bottom in a group.

18. The element with atomic number 8.