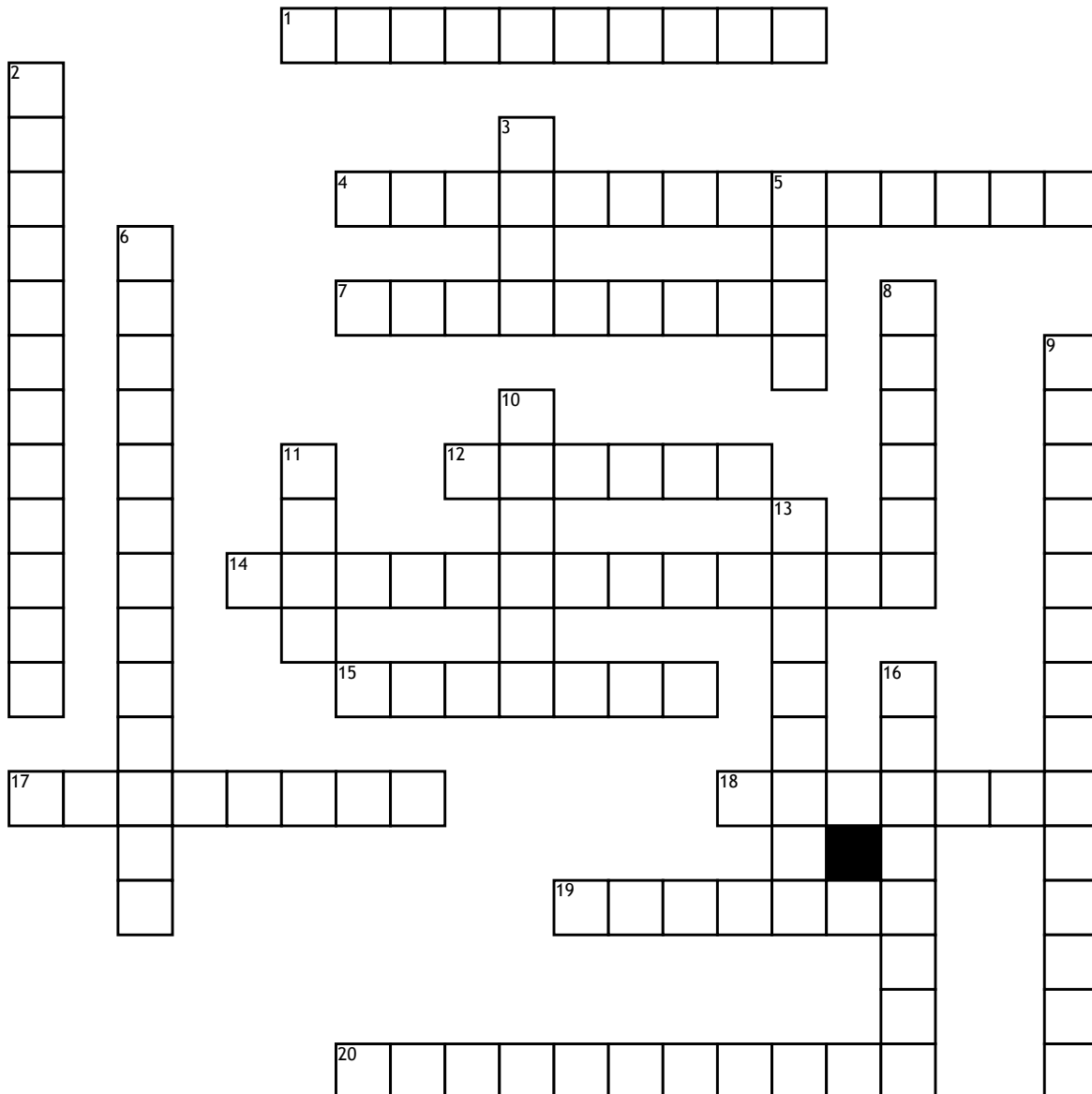


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Chemistry



## Across

1. describes a process that gives off heat
4. A compound made up of two elements
7. making a larger molecule from two or more atoms or smaller molecules
12. unit of temperature
14. energy of motion
15. something made as a result of a chemical reaction
17. simplest repeating structure of a crystal

18. a particle in the nucleus of an atom

19. the liquid that dissolves a solute in solution

20. a measure of the average kinetic energy of a particle

## Down

2. a higher energy state for an electron of an atom, ion, or molecule

3. an ionic compound formed from reacting an acid and a base

5. amount of matter in a substance

6. occurs when the atomic nucleus is unstable and breaks apart, releasing energy or radiation

8. group of elements sharing similar properties

9. study of energy

10. a row (left to right) of the periodic table

11. Any chemical that gives off protons

13. force per area

16. refers to a substance that has high vapor pressure