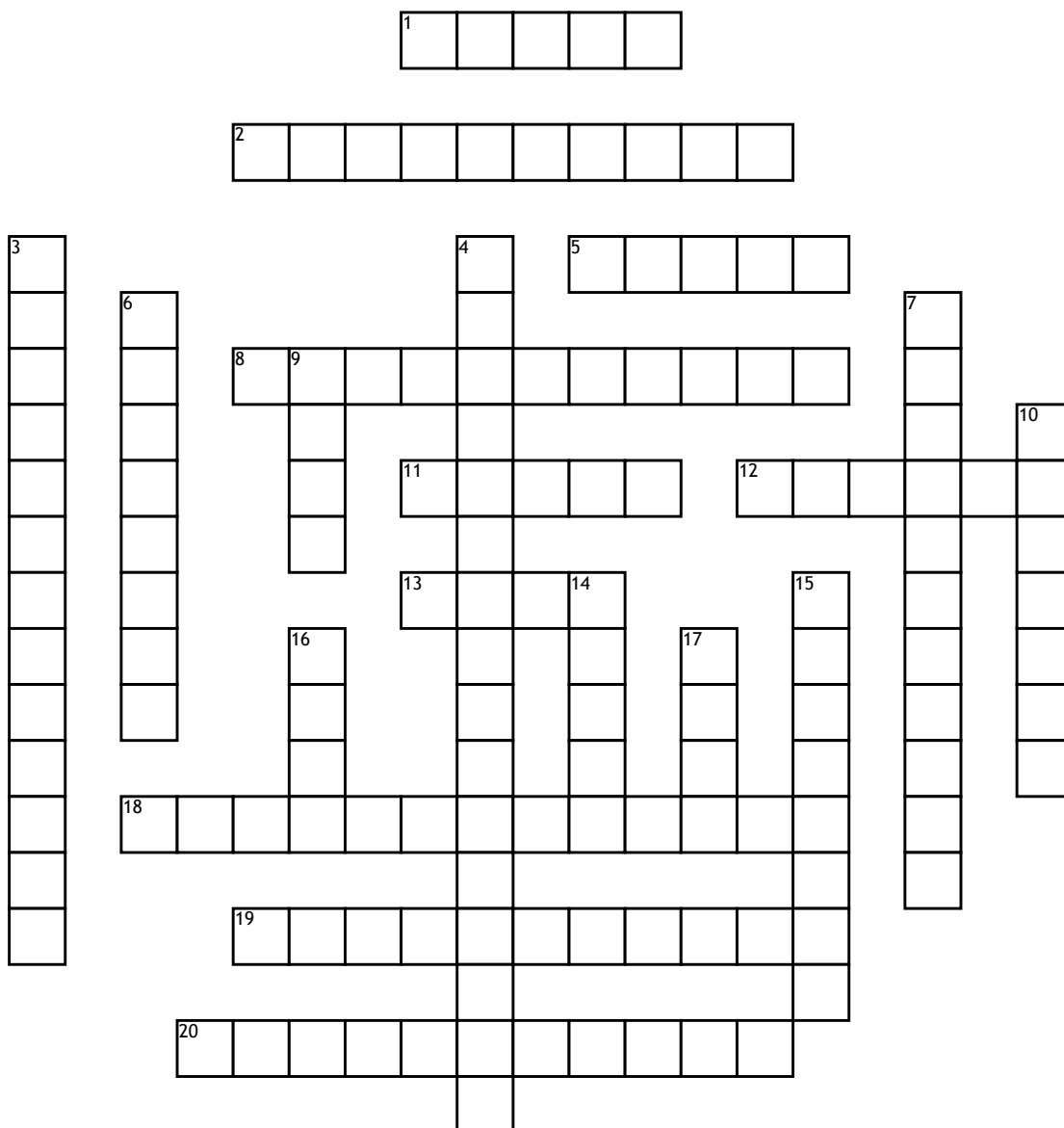


Name: _____

Date: _____

chem

**Across**

1. particle stopped by paper
2. burning; H₂O & CO₂
5. metal-metal solution
8. measure of the average kinetic energy
11. vertical rows in the periodic table
12. space a gas occupies
13. smallest unit of an element

18. mass of a molecule held together of covalent bonds
19. shared pair of electrons
20. mass of atoms held together by an ionic bond

Down

3. not used up in the reaction
4. amount that could have been made
6. unpaired share of electrons

7. amount actually made
9. heat reaction in which energy is absorbed
10. subatomic particle with charge of 0
14. basic unit of length
15. amount of force applied
16. counting unit for the amount of substance
17. particle with charge of -1