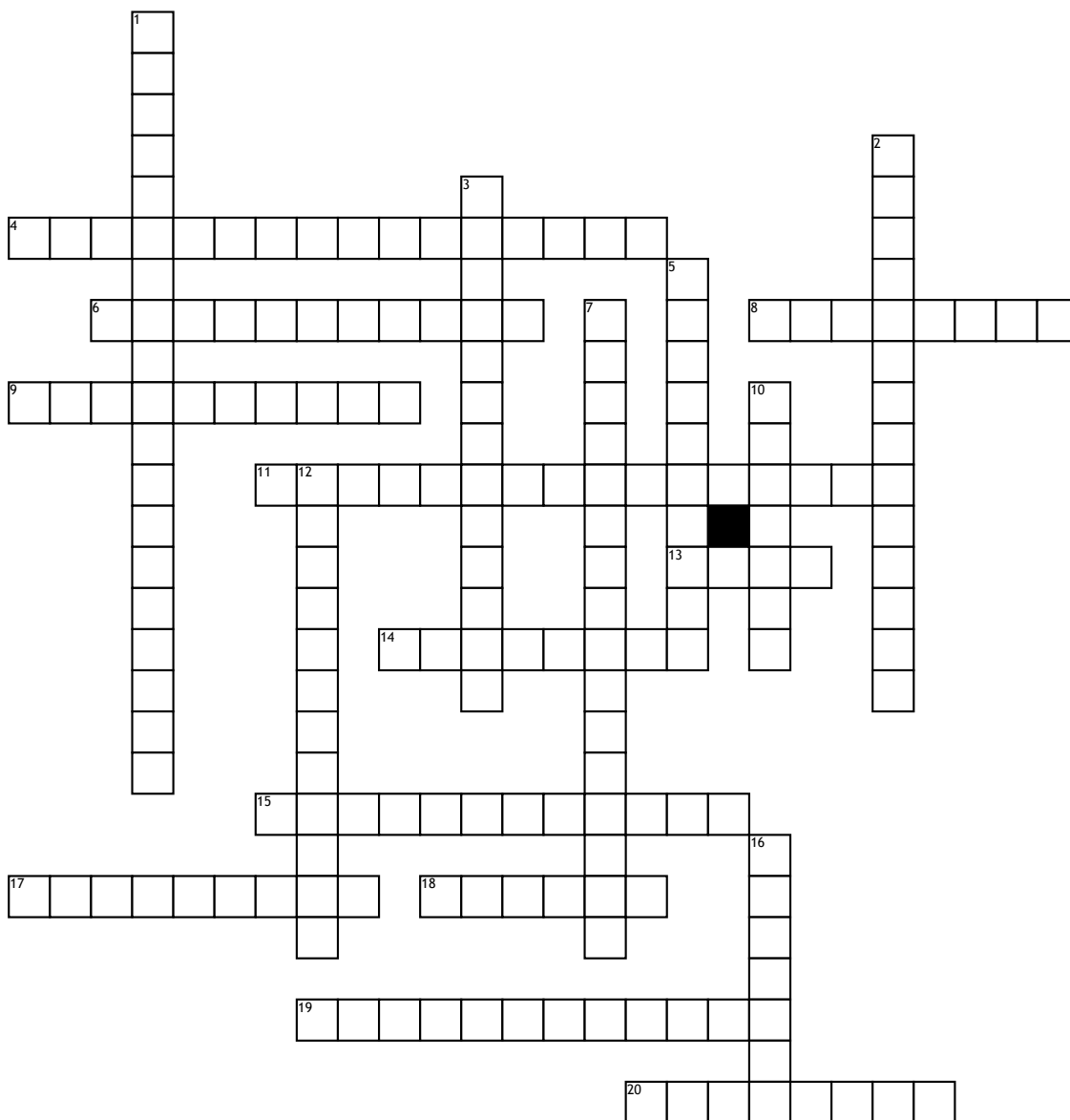


Name: _____

Date: _____

Periodic table Crossword Puzzle



Across

4. father of the periodic table
 6. as you move left to right on the periodic table, the elements become _____
 8. columns on the periodic table
 9. a zig-zag line indicates that it is this, in between metal and non-metal
 11. all elements in a family have the same # of _____

13. basic unit of a chemical element

14. non-metal, Cl, Bn, and I kill germs

15. defines # of protons & electrons

17. many are gases at room temperature, most gain electrons easily

18. solid at room temperature, conducts electricity and heat

19. can be different in different countries and languages

20. atomic mass - atomic #

Down

1. metal, 2 valence electrons, soft, silver color

2. the same symbol in every country and language

3. table of chemical elements arranged by atomic # and is put in rows with elements of the same atomic structure

5. neutron + proton = mass

7. group 18, neon- glows different colors

10. rows on the periodic table

12. high reactivity with water, group 1

16. pure substance made from a single type of atom