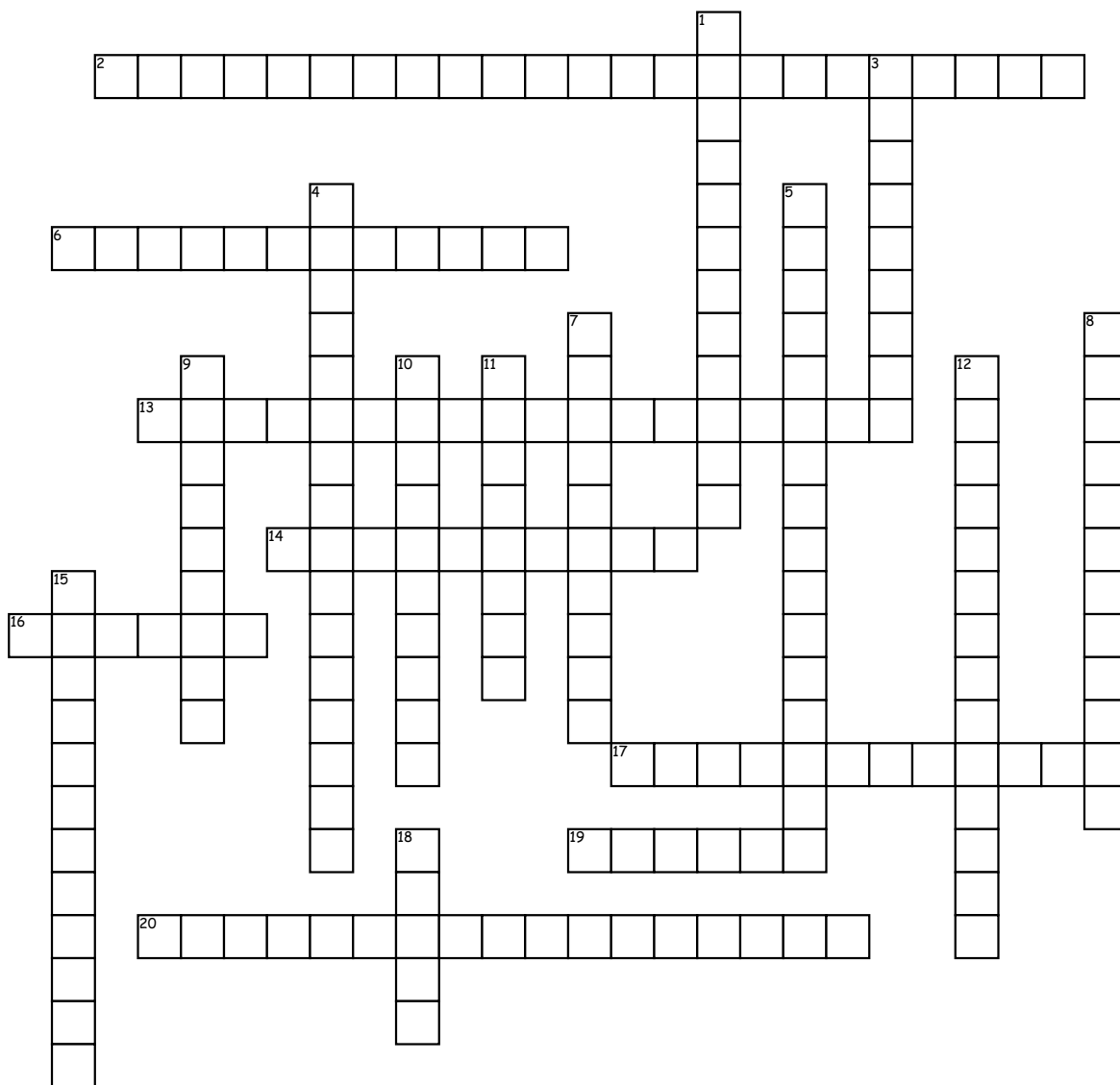


Name: _____

Date: _____

Periodic Table



Across

2. rare earth metals and all are radioactive

6. half a distance between the centers of two atoms that are touching each other

13. is in group 2 and is not reactive to all metals

14. group 18

16. each of the rows considered to be a different

17. elements in a group have the same number of electrons in their

19. is a group of elements with similar chemical properties

20. describes an atoms ability to attract an electron when bonding with other atoms

Down

1. characteristics of the elements in families is determined by the number of electrons in the

3. group 14-16; cannot conduct electricity

4. in groups 3-12 and is in the center of the periodic table

5. energy needed to take an electron from an atom

7. every element in the first column has one electron in its

8. has good conductors and in group 1

9. every element in the top row has one orbital for its

10. have properties of both metals and non-metals

11. group 17

12. all of the elements in a period have the same number of

15. Arranged the elements according to increasing atomic numbers

18. when a column goes from top to bottom, its called a