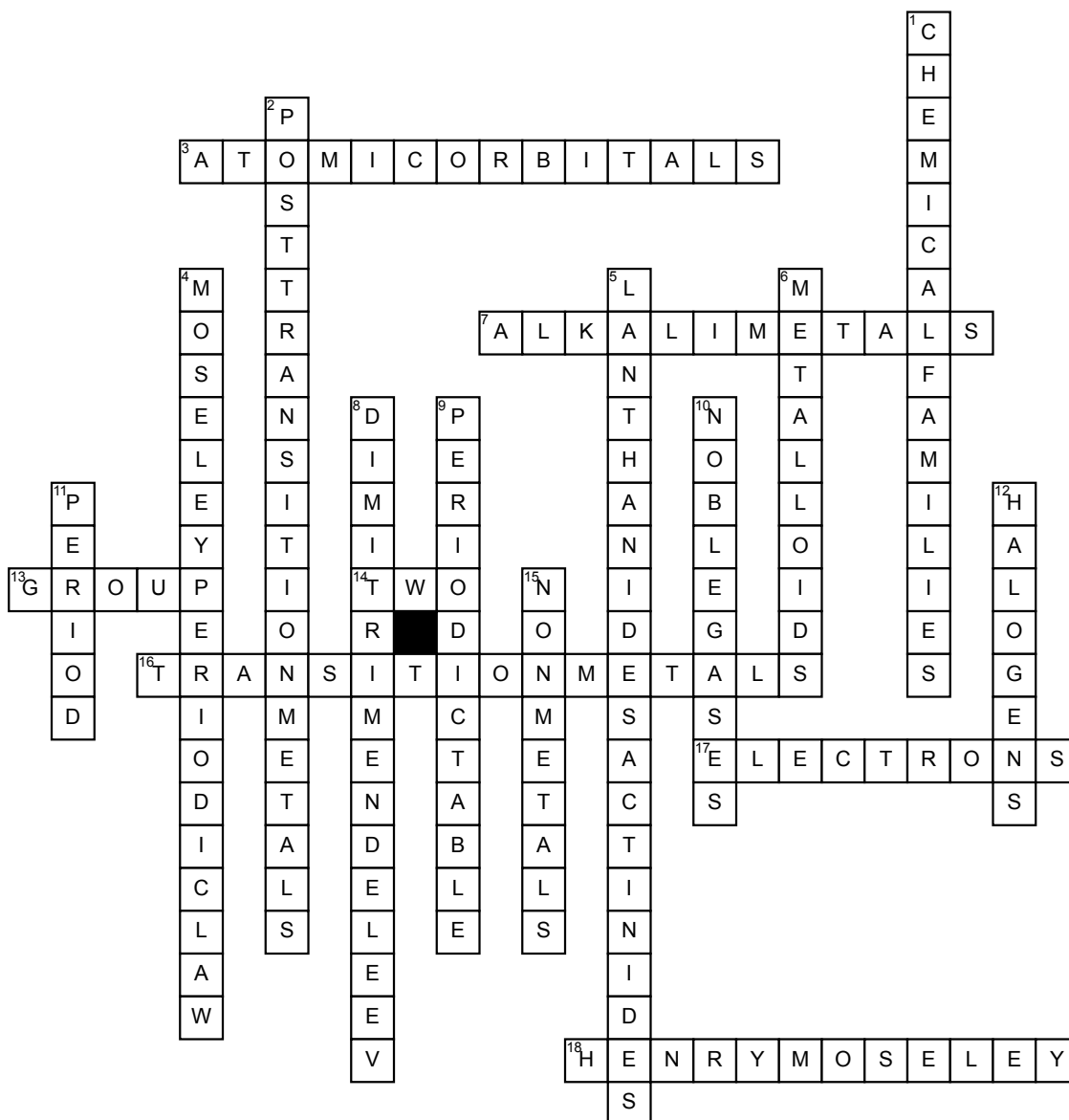


Name: _____ Date: _____ Period: _____

Periodic Table



Across

3. all of the elements in a period have the same number of _____?

7. a chemical family in group 1, most reactive

13. column goes from top to bottom

14. all of the elements in the second row have _____ orbitals for their electrons

16. a chemical family found in groups 3-12

17. elements in a group have the same number of _____ in their outer orbitals

18. arranged the elements according to increasing atomic numbers

Down

1. a group of elements with similar chemical properties

2. softer and conduct more poorly than transition metals

4. modern periodic table is based on _____

5. rare earth metals

6. have properties of both metals and non-metals

8. creator of the periodic table

9. an organized system for elements

10. a chemical family that is in group 17, inactive

11. rows go left to right

12. chemical family in group 17, salt-former

15. not able to conduct electricity or heat very well