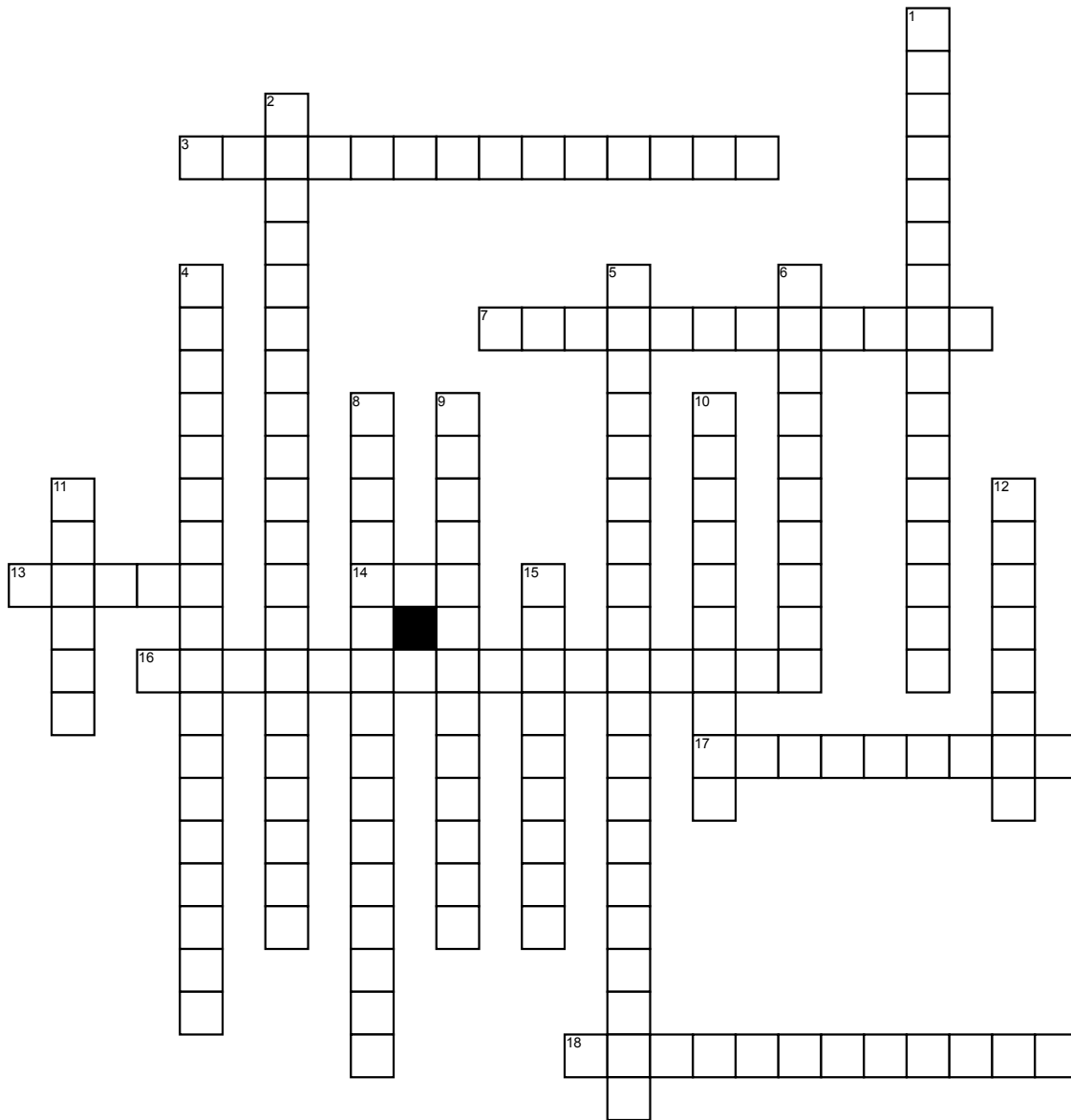


Periodic Table



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