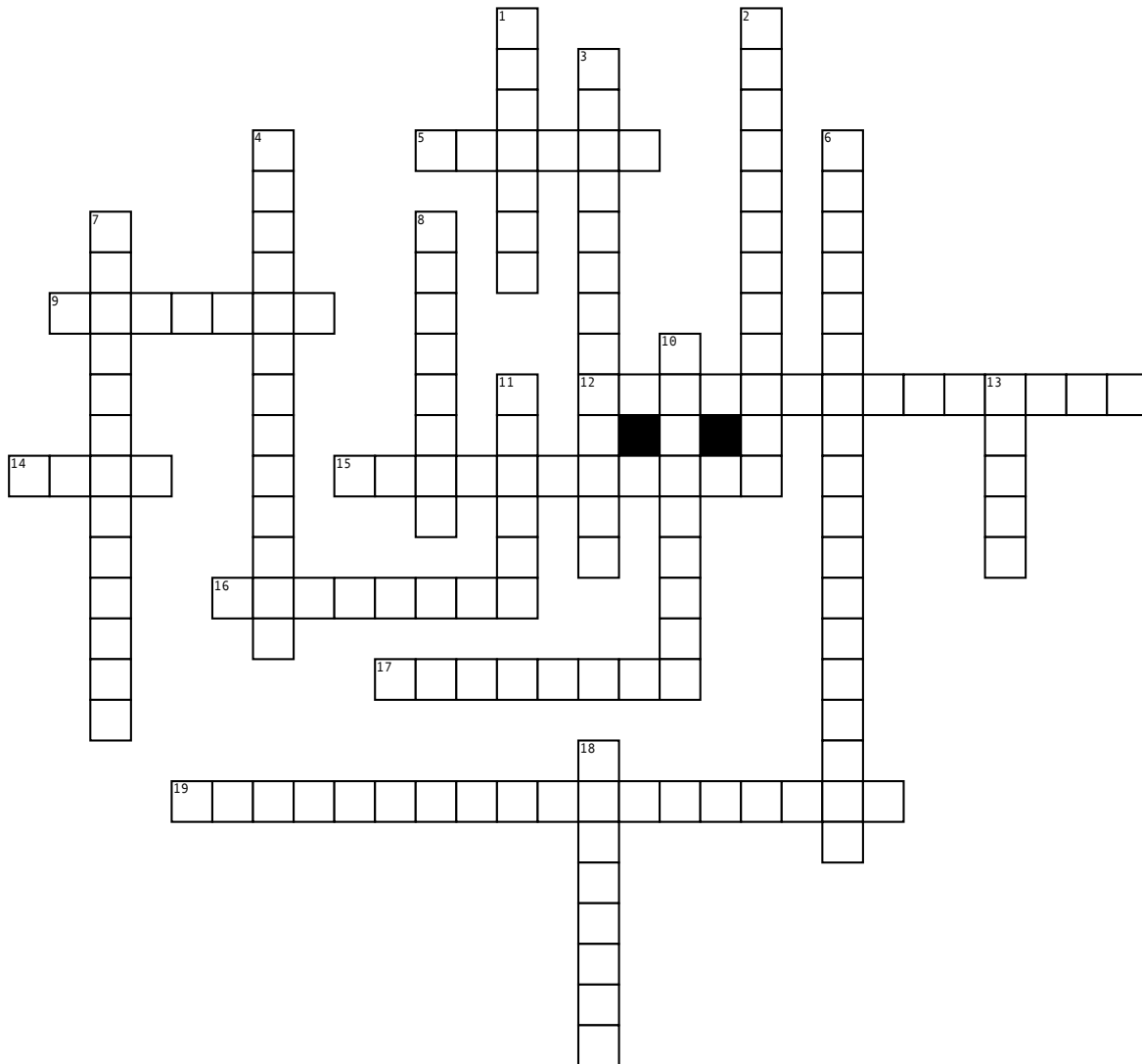


Name: _____

Date: _____

Period: _____

periodic table



Across

5. a unit used in expressing the molecular weight of proteins, equivalent to atomic mass unit.

9. with no net electric charge and a mass slightly larger than that of a proton.

12. is a term which refers to elements in the same group on the periodic table. These atoms often have similar properties such as reactivity

14. the smallest unit of an element that maintains the properties of that element

15. are streams of electrons observed in vacuum tubes.

16. with a negative elementary electric charge

17. a thing that is composed of two or more separate elements

19. is any of a material's properties that becomes evident during, or after, a chemical reaction

Down

1. the central and most important part of an object

2. The atomic radius of a chemical element is a measure of the size of its atoms, usually the mean or typical distance from the center of the nucleus to the boundary of the surrounding cloud of electrons

3. The nucleus is the small, dense region consisting of protons and neutrons at the center of an atom.

4. A chart of all chemical elements currently known, organized by their properties.

6. physical characteristics of any given object

7. It is used to describe where electrons are when they go around the nucleus of an atom

8. a part or aspect of something abstract, especially one that is essential or characteristic

10. whose properties are intermediate between those of metals and solid nonmetals

11. with a positive electric charge equal

13. a solid material that is typically hard, shiny, malleable, fusible, and ductile

18. an element or substance that is not a metal.