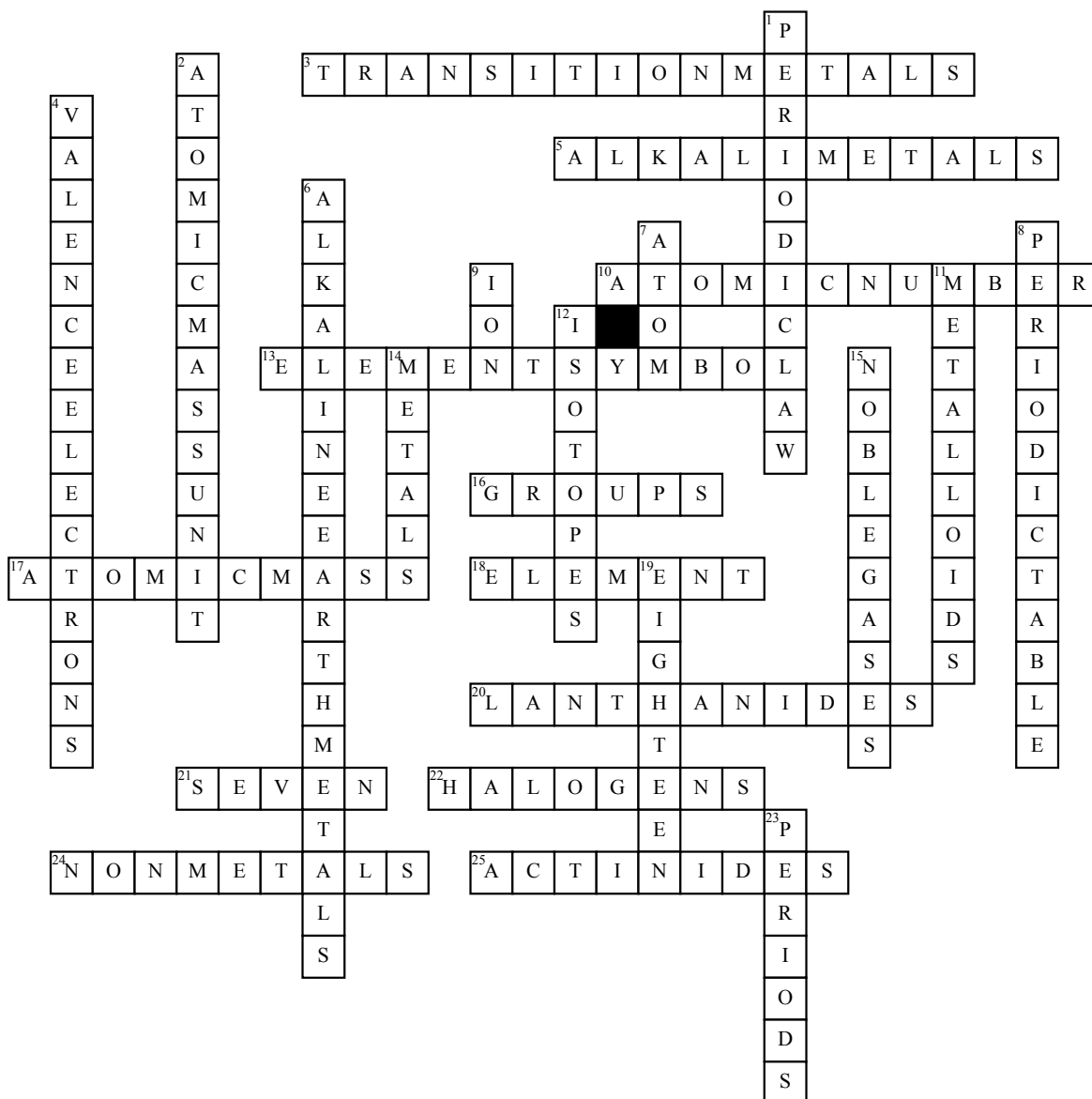


Periodic Table Crossword



Across

3. Groups 3-12 of the periodic table. These metals serve as a bridge- or transition between the two sides of the table.
 5. Group 1 of the periodic table. These 6 metals are very reactive and get more reactive as you go down.
 10. The number of protons and electrons in the nucleus of an atom
 13. Abbreviation for an element's name
 16. Vertical columns of elements in the periodic table
 17. The total number of protons and neutrons in an atom's nucleus
 18. A substance that is made entirely from one type of atom
 20. Group 3 and Period 6 of the periodic table. These 15 metals, whose atomic numbers range from 57-71, are located above the actinides.
 21. Number of periods in the periodic table

22. Group 17 of the periodic table. These 6 non-metals are toxic and are located to the left of the noble gases.

24. The elements that are usually poor conductors of heat and electricity

25. Group 3 of the periodic table. These 15 metals, whose atomic numbers range from 89-103, are radioactive.

Down

1. The properties of elements tend to repeat in a regular pattern when elements are arranged in order of increasing atomic number
 2. The unit of measure used to measure the mass on an atomic level
 4. An electron in the outermost energy level of an atom
 6. Group 2 of the periodic table. These 6 metals share similar characteristics with group 1.
 7. The smallest particle that has the properties of an element

8. The arrangement of elements into families and rows based on similar features and characteristics

9. An atom or a group of atoms that has lost or gained one or more electrons and therefore has a net electric charge

11. An element that has properties of both a metal and nonmetal

12. Any atoms having the same number of protons but a different number of neutrons

14. The elements that are good conductors of heat and electricity

15. Group 18 of the periodic table. These 6 non-metals are odorless, colorless, nonflammable, and monatomic gases that have low chemical reactivity.

19. Number of groups in the periodic table

23. Horizontal rows of elements in the periodic table