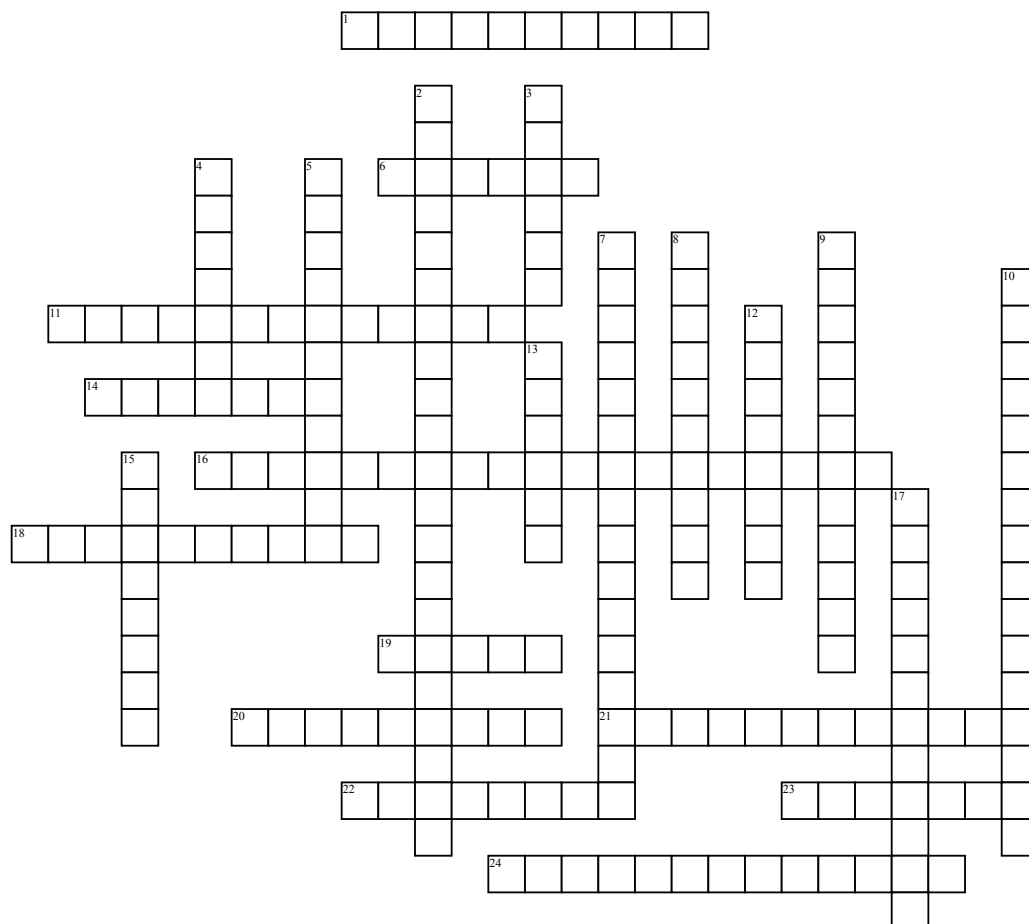


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Periodic Table



## Across

1. Elements with properties that fall between metals and non-metals.
6. Each row in the table of elements in figure 6.
11. Location and motion of electron.
14. Dense, positively charged mass located in the center of the atom.
16. Elements in group 2a.
18. Elements in group 8a.
19. Each column on the periodic table is called \_\_\_\_\_.
20. Elements that are poor conductor of heat and electric current.

21. Equals the number of protons in an atom.
22. Atoms of the same element that have different numbers of neutrons and different mass numbers.
23. Neutral subatomic particle found in the nucleus.
24. an arrangement of elements in columns, based on a set of properties that repeat from row to row.

## Down

2. Arrangement of the electrons.
3. A positively charged subatomic particle that is found in the nucleus.
4. Region of space around the nucleus.

5. Electrons in the atom with the lowest energy.
7. Elements that form a bridge between elements.
8. Sum of the protons and neutrons in the nucleus.
9. Possible energies in an electron.
10. Electron that is in the highest occupied energy level of an atom.
12. Negatively charged subatomic particle found outside the nucleus.
13. Elements that are good conductors of electric current and heat.
15. Elements in group 7a.
17. The elements in group 1a.

## Word Bank

Electron cloud	Period	Halogens	Non metals	Orbital
Alkali metals	Electron configuration	Group	Valence Electrons	Mass number
Alkaline Earth Metals	Nucleus	Isotopes	Transition Metals	Electron
Energy levels	Periodic Table	Noble gases	Atomic Number	Metals
Neutron	Metalloids	Ground State	Proton	