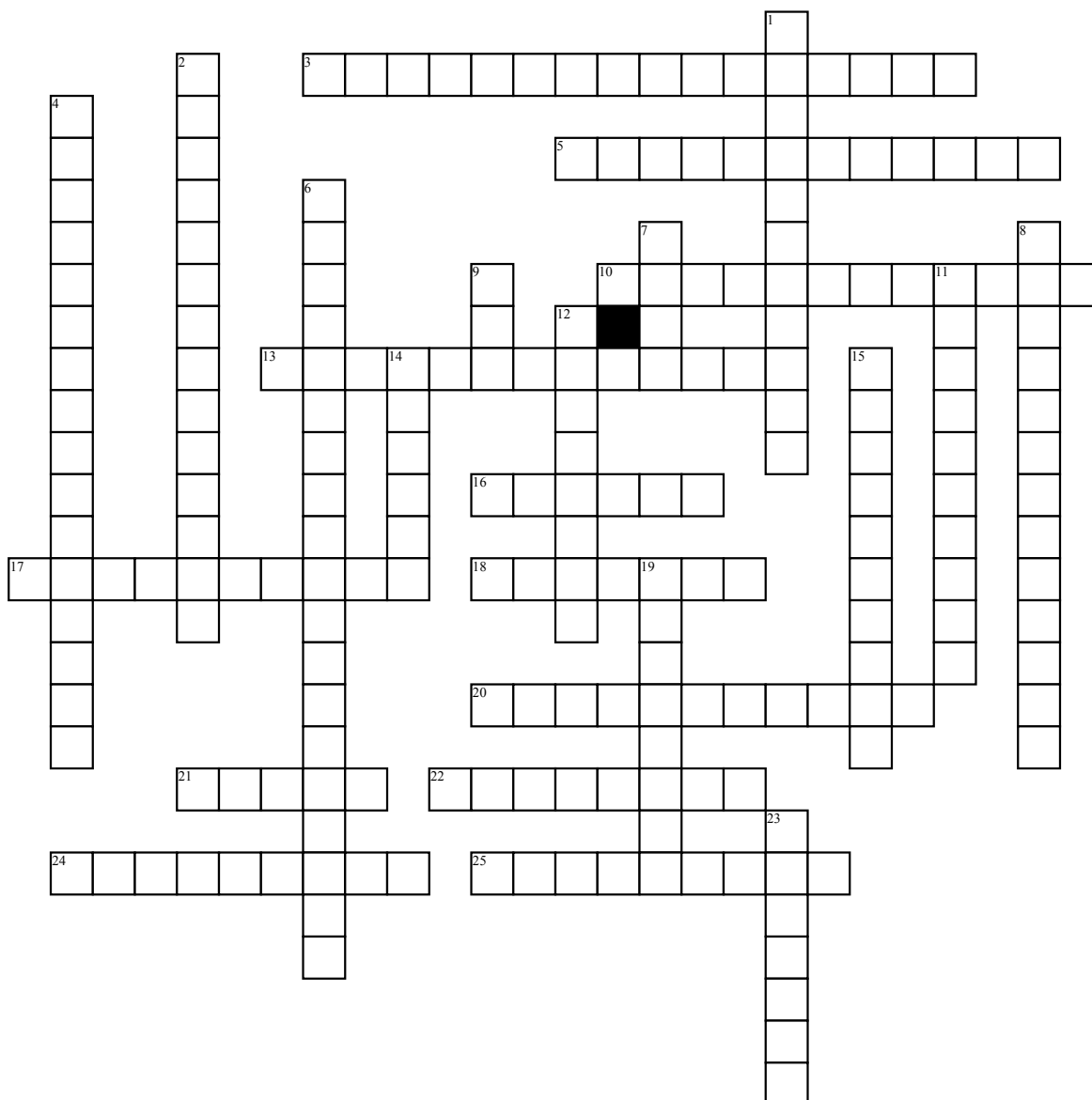


# Periodic Table Crossword



## 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 monotonic gases that have low chemical reactivity.

**19.** Number of groups in the periodic table

**23.** Horizontal rows of elements in the periodic table