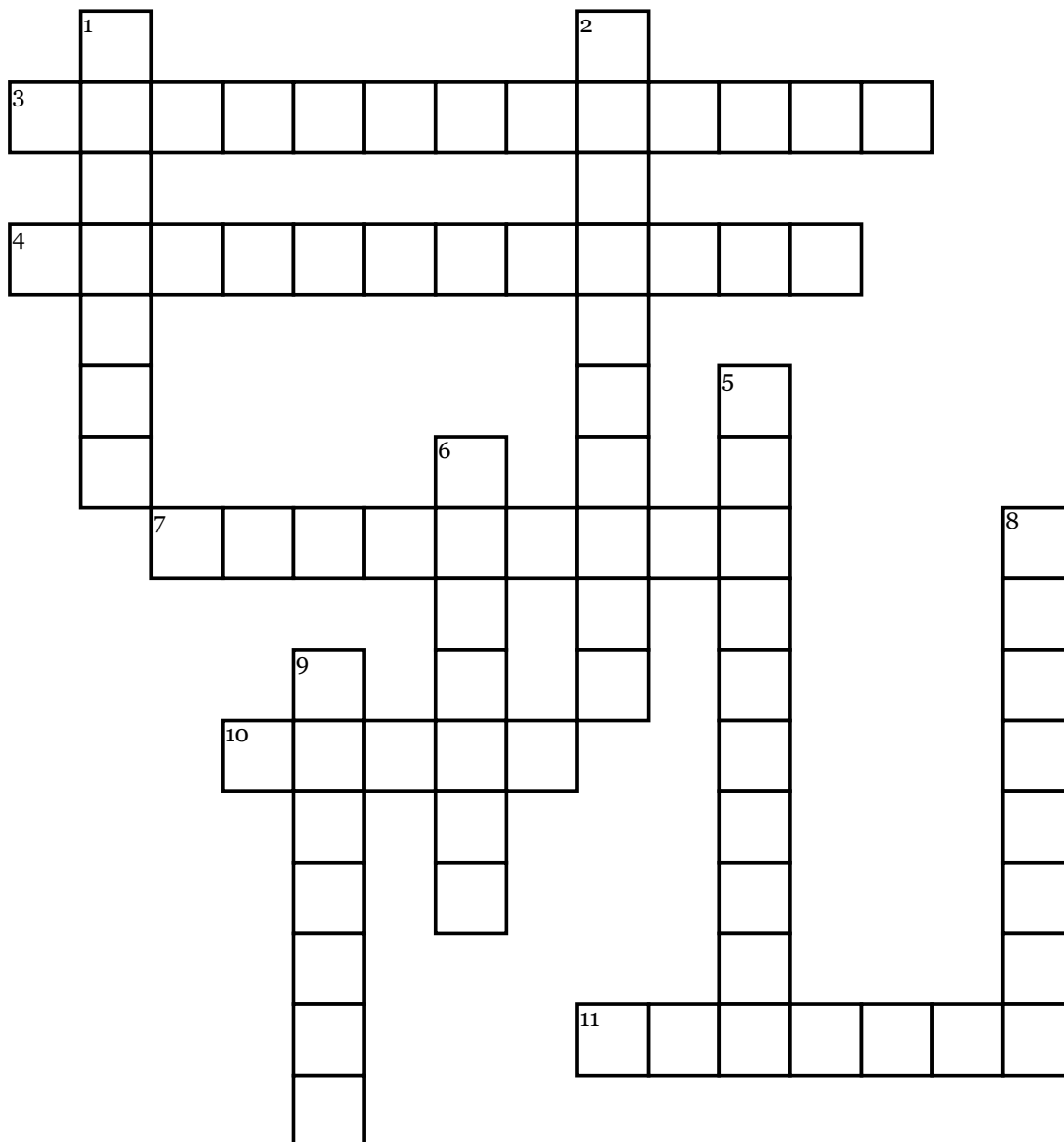


# Periodic Table Knowledge



## Across

- 3.** An arrangement of elements according to similarities in their properties
- 4.** The number of protons in the nucleus of an atom of the element
- 7.** Elements that are generally non lustrous and that are generally low conductors of electricity
- 10.** Each vertical column of elements in the periodic table
- 11.** The horizontal rows of the periodic table, sometimes called the long form

## Down

- 1.** Subatomic particles with no charge but with a mass nearly equal to that of a proton
- 2.** The weighted average mass of the atoms in a naturally occurring sample of the element
- 5.** The total number of protons and neutrons in an atom
- 6.** A transition metal that is the only metallic element that is a liquid at room temperature
- 8.** The nonmetals of group 7A
- 9.** Positively charged subatomic particles