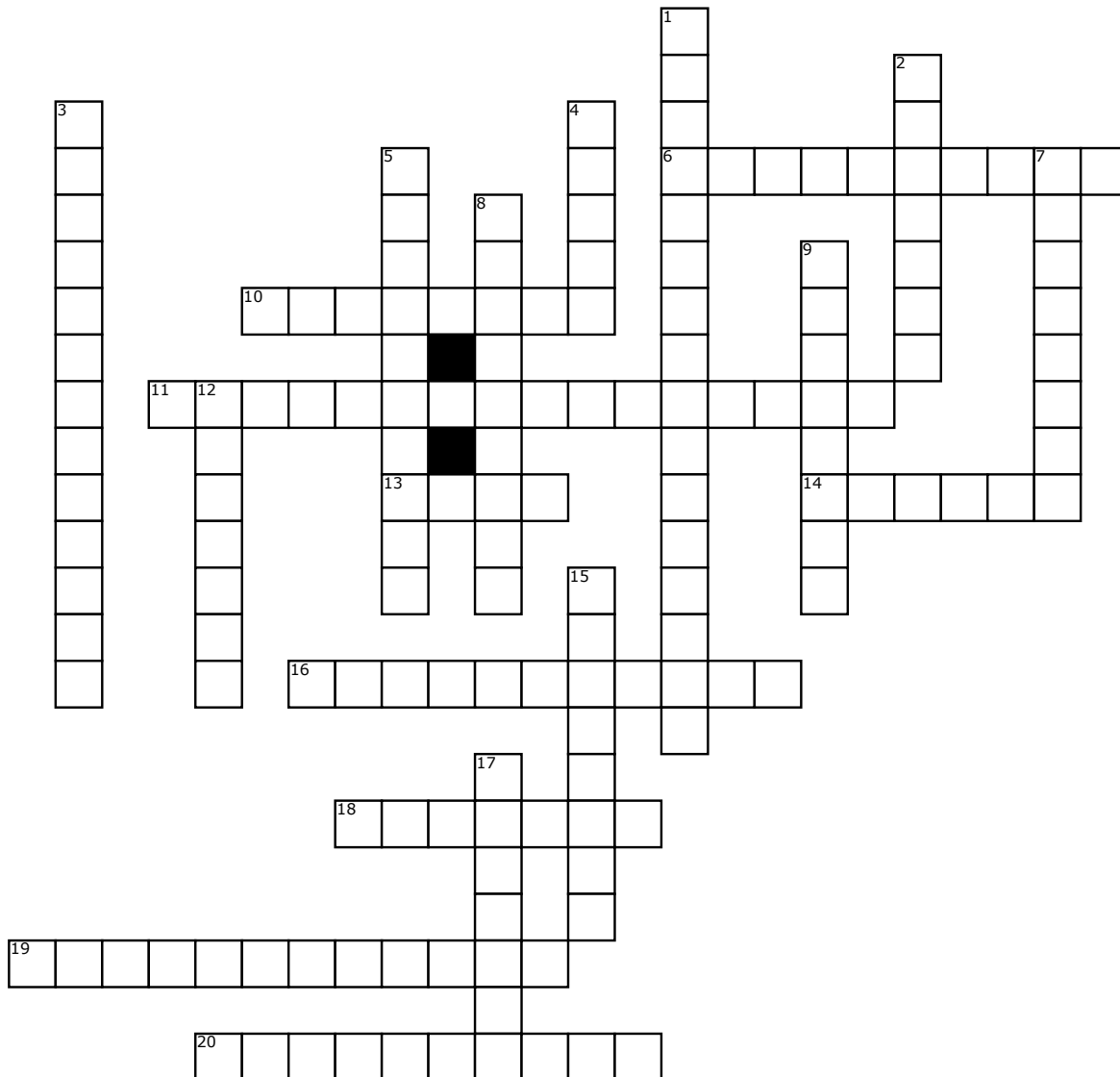


# Periodic Table



## Across

**6.** The total number of protons and neutrons in the nucleus of an atom

**10.** the elements that are usually poor conductors of heat and electricity

**11.** Any property used to characterize matter and energy and their interactions

**13.** What is the smallest particle of an element

**14.** A positively charged subatomic particle in the nucleus of an atom

**16.** What is group 1 called ?

**18.** The center of an atom; made up of protons and neutrons

**19.** The number of protons in the nucleus of an atom

**20.** The process of adding electrons to or removing electrons from an atom or group of atoms

## Down

**1.** A property used to characterize materials in reactions that change their identity

**2.** A neutral subatomic particle in the nucleus of an atom

**3.** What did Keith Enevoldsen create ?

**4.** The elements that are good conductors of heat and electricity

**5.** The weighted average of the masses of all naturally occurring isotopes of an element/metal

**7.** A negatively charged subatomic particle found in the energy level of an atom

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

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

**12.** They are reactive nonmetallic elements that form strongly acidic compounds with hydrogen, from which simple salts can be made.

**15.** A word made when you join two or more words to form a new word

**17.** Composed of atoms that have the same atomic number