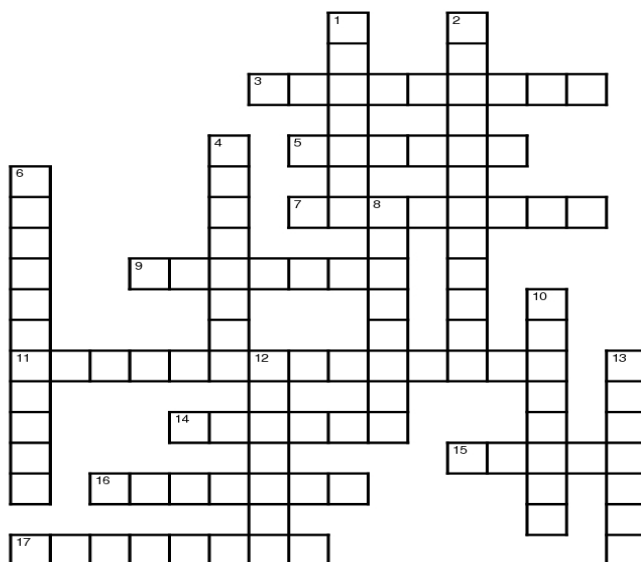


Atomic Structure

www.science-teachers.com/physical.htm



Across

- 3.** Isotope of hydrogen with one neutron.
- 5.** Positively charged particle in the nucleus.
- 7.** Helium, neon, argon, or krypton.
- 9.** An atom of an element with a different number of neutrons in the nucleus.
- 11.** The isotope of carbon that is used for dating things in archaeology.
- 14.** A nuclear reaction in which the nucleus of two atoms combine to form one nucleus.
- 15.** An element that lends electrons in chemical reactions.
- 16.** Isotope of hydrogen with two neutrons.
- 17.** When two atoms of different elements combine chemically, what does it produce?

Down

- 1.** Particle with no charge.
- 2.** The most common isotope of carbon.
- 4.** The lightest element.
- 6.** Having an unstable nucleus.
- 8.** Negatively charged particle.
- 10.** An element that borrow electrons in chemical reactions.
- 12.** A nuclear reaction in which an atom's nucleus splits to form two new atoms.
- 13.** The center of an atom.

