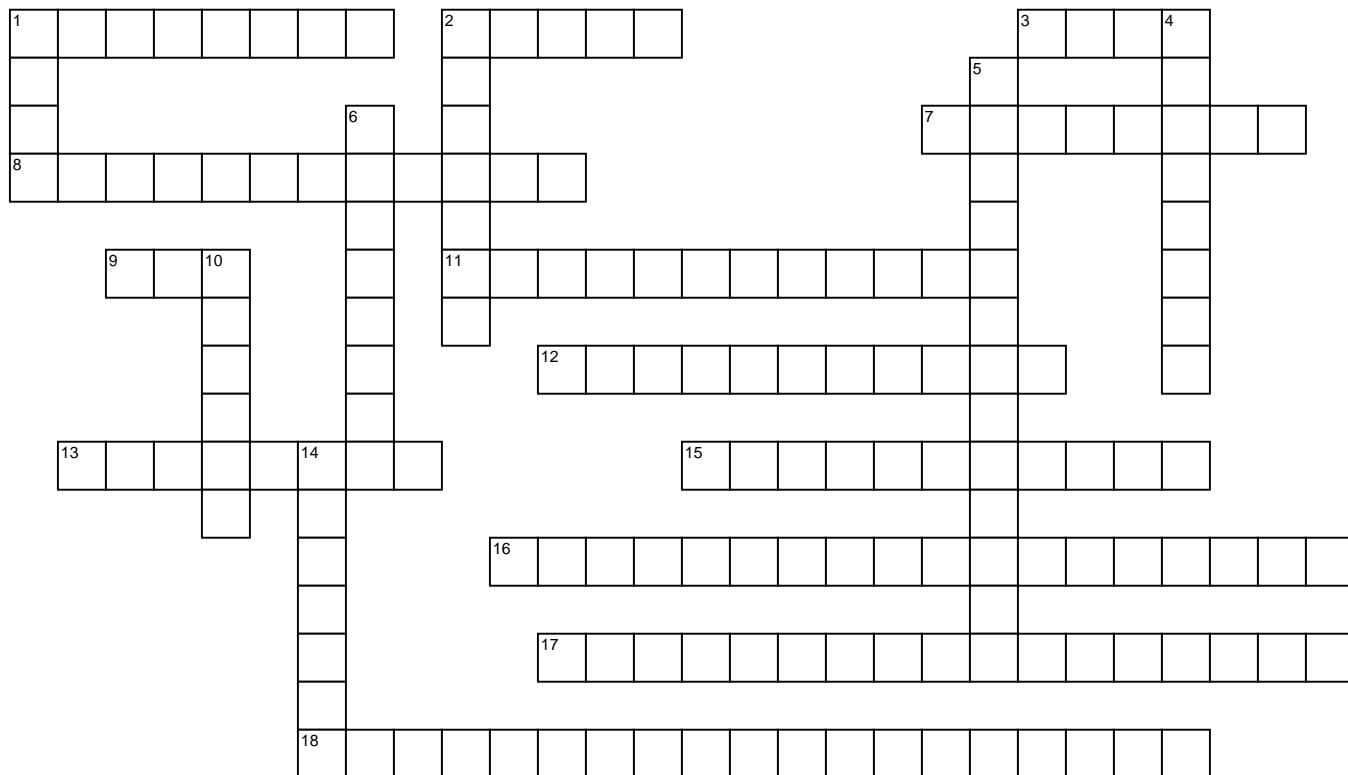


# Scientific method and atomic structure



www.CrosswordWeaver.com

## ACROSS

- 1 element with highest attraction for electrons
- 2 protects life from harmful UV radiation
- 3 number of electrons in outer energy level of nitrogen
- 7 bond that forms when affinity for electrons between reacting atoms is similar
- 8 study of component parts of complex systems
- 9 chemical that breaks down ozone
- 11 number of protons in an element
- 12 both produces and breaks down ozone
- 13 the best ideas that scientists have
- 15 key process in science
- 16 uses "if...then..." format
- 17 control group treated with variable
- 18 elements are...

## DOWN

- 1 number of bonds that carbon can form
- 2 volume where electrons are found 90% of the time
- 4 novel properties that were not present in simpler (lower) levels of biological organization
- 5 bond that produces partial charges
- 6 charge of a proton
- 10 element with 6 protons
- 14 produced when additional neutrons are found in an element

