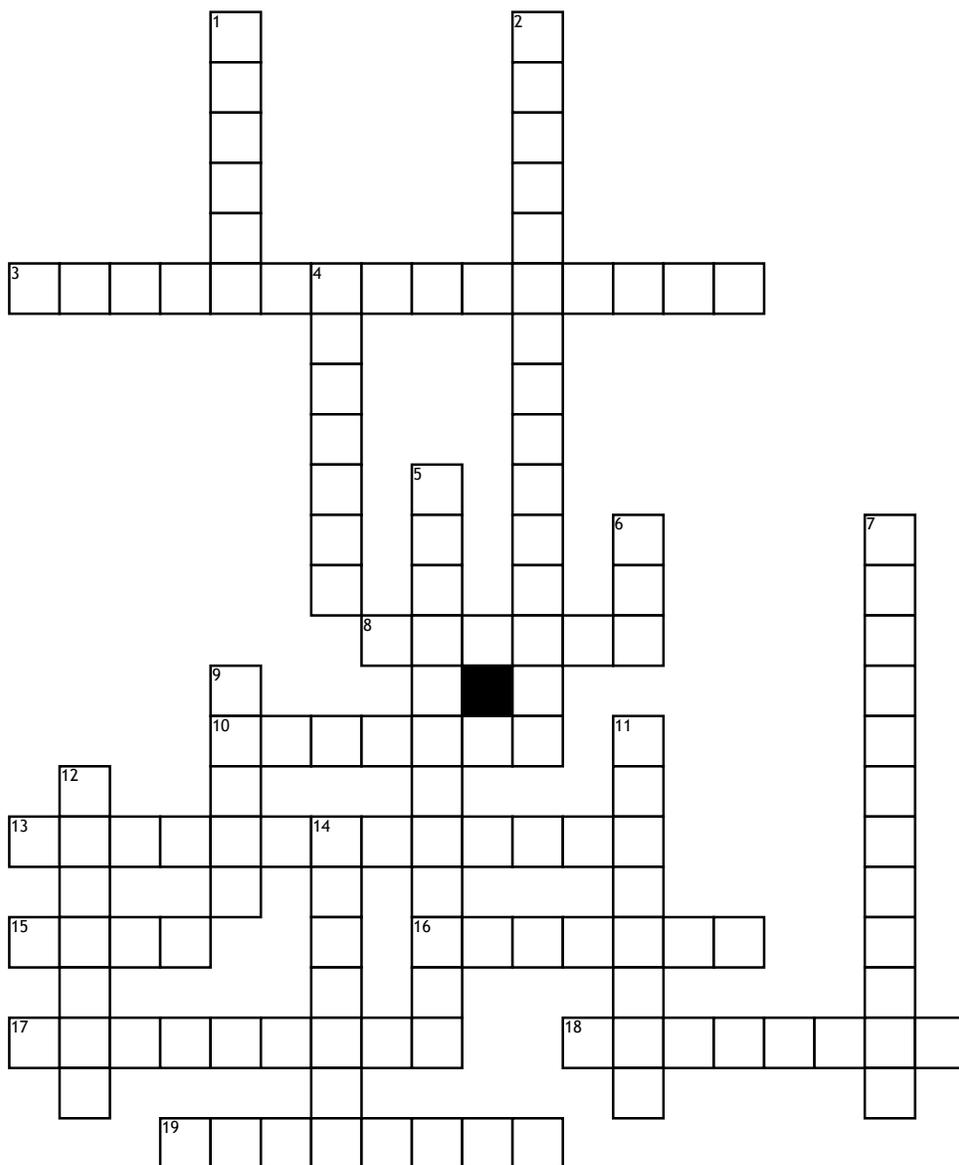


Atoms



Across

3. electrons found on the outer most orbital
 8. a positively charged ion
 10. the center of an atom, which contains the protons and neutrons
 13. a table of common chemical elements arranged by atomic number
 15. the basic unit of matter
 16. energy level where electrons are found
 17. chemical bond formed when one or more electrons are transferred from an atom to another

18. substance formed by the chemical combination of two or more elements in definite proportions

19. smallest unit of most compounds that display all the properties of that compound

Down

1. positively charged particles
 2. the unit of mass used to weigh elements
 4. pure substance that consists entirely of one type of atom
 5. type of bond between atoms in which the electrons are shared

6. atom that has a positive or negative charge

7. weak attraction between a hydrogen atom and another atom

9. a negatively charged ion

11. negatively charged particle; located in the space surrounding the nucleus

12. negatively charged particles

14. one of several forms of a single element, which contains the same number of protons but different number of neutrons