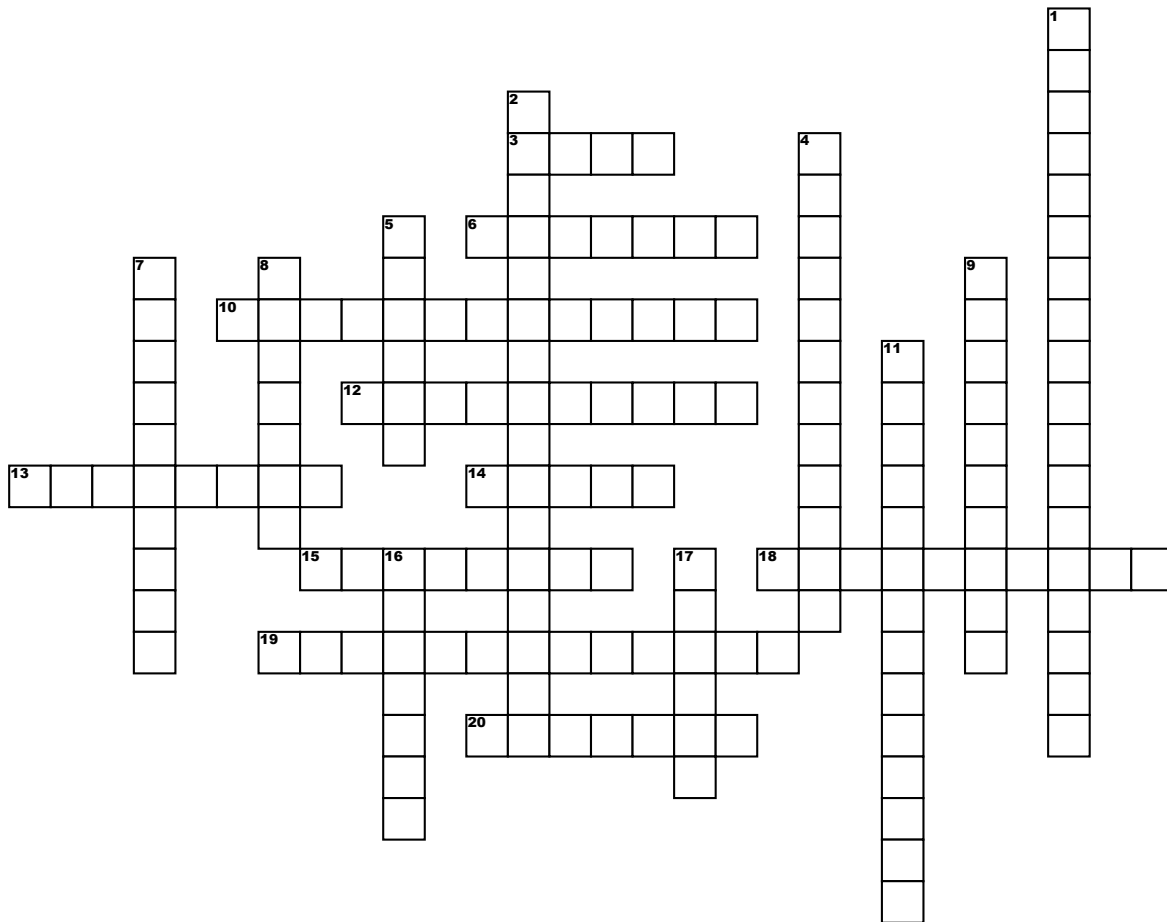


atomic structure and periodic table



Across

- 3.** the basic unit of a chemical element
6. side to side rows on the periodic table
10. a table in which arranges chemical elements by their atomic number
12. gases in which are located in group 18 on the periodic table of elements
13. negativity charged subatomic particle
14. elements that are good conductors, malleable, and shiny

- 15.** elements that are poor conductors, brittle, and dull
18. depended upon the number of valence electrons
19. location of electrons
20. two or more forms of the same element that contain equal numbers of protons but different numbers of neutrons

Down

- 1.** protons, neutrons, and electrons are classified as
2. the electrons on the outer most shell
4. equal to the number of protons

- 5.** positively charged subatomic particle
7. the sum of the protons and neutrons of an atom
8. subatomic particle with no charge
9. elements that have properties of metal and non metals
11. notation of one or two letters representing a chemical element
16. Location of protons and neutrons
17. up and down rows on the periodic table