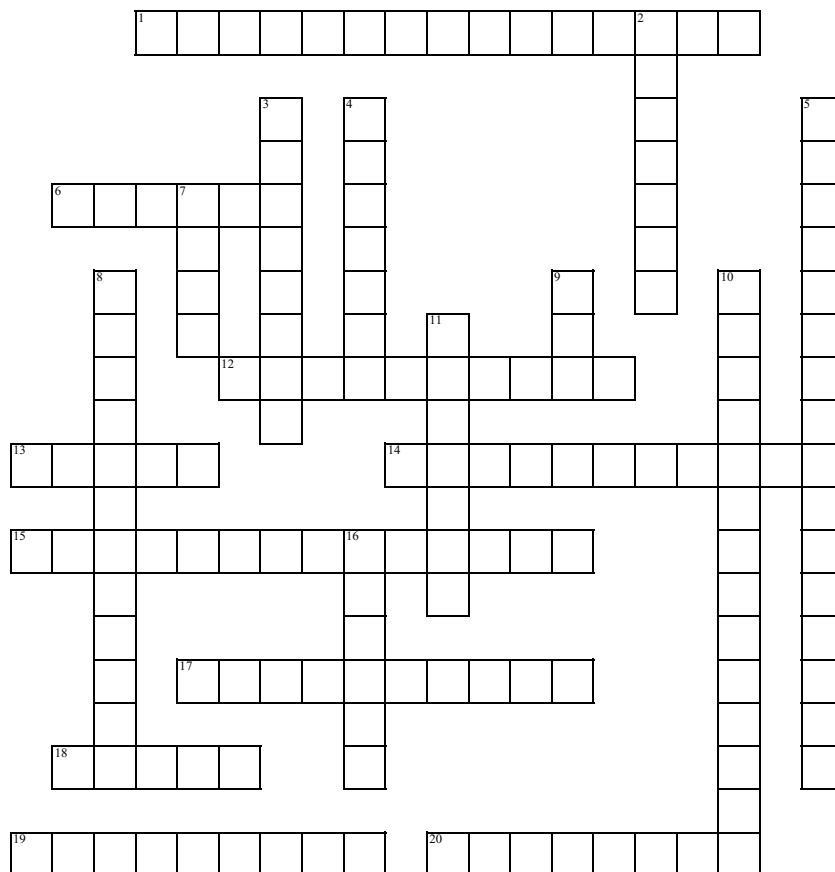


Periodic Table Puzzle



Across

1. What is it called when 2 atoms of nonmetals bond?
6. A _____ loses an electron and becomes positively charged.
12. The _____ is the total number of protons and neutrons.
13. A _____ gains an electron and becomes negatively charged.
14. Lithium is a?
15. What is it called when a metal reacts with a nonmetal?
17. What is an average of the masses of all naturally occurring isotopes of an element?
18. Valence electrons determine the _____ of which an element is placed.
19. What are negatively charged particles of an atom?
20. What particle of an atom has no charge?

Down

2. An _____ is an atom that has the same number of protons but a different number of neutrons as other atoms of the same element.
3. Is Fluorine a metal or nonmetal?
4. What are positively charged particles of the atom?
5. The electrons in the outermost energy level of an atom are called _____.
7. What are charged particles that form during chemical changes?
8. What determines the identity of an atom?
9. Alkali Metals only have _____ valence electron?
10. Where are electrons found?
11. Where are protons found?
16. A row of elements is called a _____.