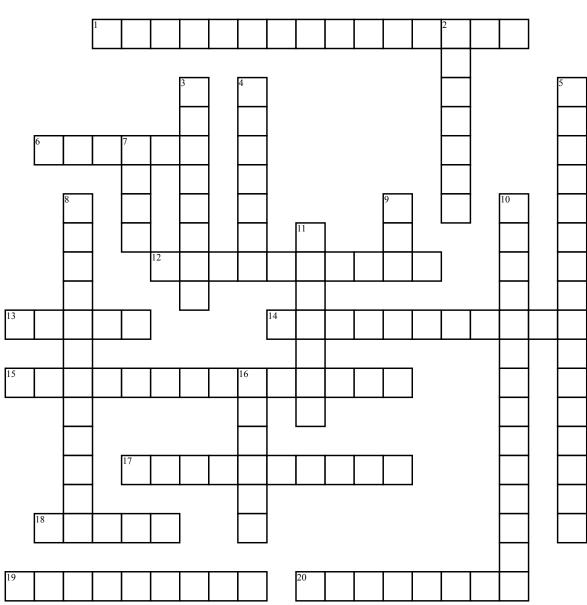
Periodic Table Puzzle



<u>Across</u>

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 occuring isotopes of an element?

18. Valence electrons determine the _____ of which an element si placed.

19. What are negatively charged particles of an atom?

20. What particle of anatom has no charge?

<u>Down</u>

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 Flourine 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 detrmines 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