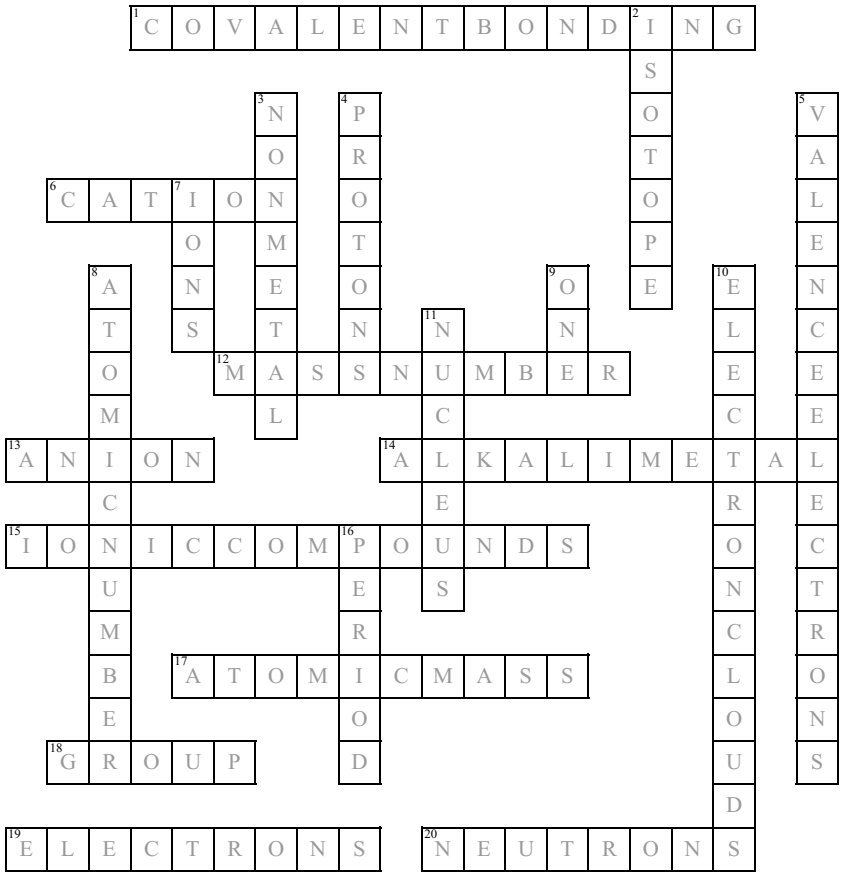
Name: _____ Date: _____

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 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?

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 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 _____.