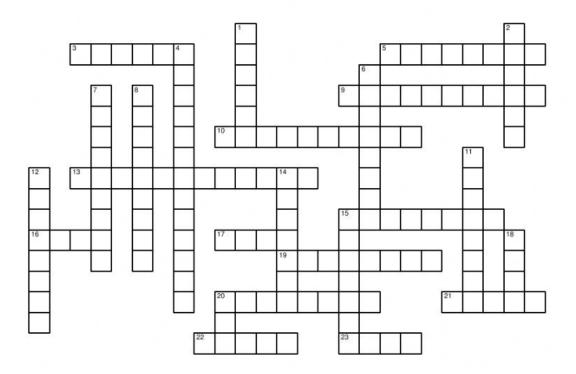
:::PUZZLE ::: ATOM, MOLECULES AND ION



Across	Down
Subatomic particle in nucleus of an atom. ions tend to gain electrons to form anions.	Most of the of the atom is due to electrons.
	2. Positively charged ions are called
9 ion is an ion containing a number of atoms.	Total number of protons and neutrons present in the nucleus of an atom of an element.
10. When an atom or molecule gains electrons, it becomes charged.	6. Atoms of different elements combine to form
Number of protons in the nucleus of each atom of an element.	The number of grams per mole of a compound or element.
15. The number of in atoms of the same elementcan varry.	Atoms are composed of particles The majority of chemistry involves the
16. Most of the of the atom is due to the	of electrons between species.
nucleus. 17. The smallest particles of an element that can	 All atoms of a given element are identical, having the same size, mass and properties.
participate in a chemical reaction.	14. An is a substance composed of
19. Subatomic particle which moves around the nucleus	atoms with identical atomic number.
of an atom within an electron shell.	15. The structure at the center of an atom, consisting of
Same number of protons but number of neutrons.	proton and neutron.
 prefixes are used to indicate the number of atoms. 	Metal atoms tend to electrons to become cations.
22. A negatively charged ion.	20. Formed from a neutral atom or molecule where number of protons and electrons are unbalanced.

