Name: ..... ( ) Class: ..... Date: .....

LIVE Assignment 1: ELECTRON CONFIGURATION & OXIDATION NUMBERS

Complete the table below.
* type "0" if there is no overall charge
* type "1+" if there is an overall charge of positive one.
* type "2-" if there is an overall charge of negative two.
To ensure no typing mistakes, do not leave space between characters

Element	Number of			Electron configuration	Noble gas configuration	charge on ion*
	proton	neutron	electron			
hydrogen	1	0	1	1	0	1+
helium	2	2		2	2	0
lithium	3					
beryllium		5				
boron						
carbon has half of an octet valence shell and tends to share its electrons to form covalent compounds.						
nitrogen	7	7	7	2,5	2,8	3-
oxygen		8			2,8	
fluorine	9					
neon			10			
sodium				2,8,1		
magnesium	12					
aluminium						3+
silicon can form both 4+ / 4-				2,8,4	2,8	4+/4-
phosphorus	15		15			
sulfur	16					
chlorine			17	2,8,7		
argon	18					
potassium						
calcium	20			2,8,8,2	2,8,8	2+

End of Paper

LIVEWORKSHEETS