Name:	Date:		
	Notes: Und	erstanding Electror	าร
Describe the structur	e of atoms:		
Atoms have the same	e number of which 2 s	subatomic particles?	
Why don't we identif	y elements based on	electrons?	
Determine how man	y electrons are in eac	ch of the elements below	
magnesium	sulfu	·	H
titanium	pallad	dium	Na Mg
lanthanum		on	Rb Sr Y Zr Nb Mo Tc Ru Rh Pd Ag Cd In Sn Sb Te I Xe Cs Ba La Ht Ta W Re Os Ir Pt Au Hg Ti Pb Bi Po At Rn Fr Ra Ac Rt Db Sg Bh Hs Mt
lithium		nium	Ce Pr Nd Pm Sm Eu Gd Tb Dy Ho Er Tm Yb Lu Th Pa U Np Pu Am Cm Bk Cf Es Fm Md No Lr
Sublevels:		Energy Le	vels:
holds up to	electrons electrons	2 <sup>nd</sup> Ener 3 <sup>rd</sup> Ener	gy Level holds electrons rgy Level holds electrons rgy Level holds electrons rgy Level holds electrons
Filling in electrons:			
Step 1:			
Step 2:			· · · · · · · · · · · · · · · · · · ·
Step 3:			
Step 4:			<del></del>
Correctly add electro	ons to each of the dia	grams below.	
Hydrogen	Boron	Nitrogen	Sulfur

What are valence electrons?					
How	many valence ele	ctrons are in each of the	following atoms?		
el	Neon valence ectrons can the periodic t	Carbon valence electrons cable be used to predict value	Lithium valence electrons alence electrons?	Chlorine valence electrons	
Why o	do elements in gr	oups have similar physica	al and chemical propert	ies?	
	Krypton has	valence electrons valence electrons valence electrons	Nitrogen has valer Iodine has va	nce electrons	
Which	h Lewis diagrams	grams show?	•	o. :ò. ·o.	
Which What What	n group on the pe is the name of th does <i>inert</i> mean	nis group? ?	tron configuration?		