ws 4.4 (More electron configurations!)	Name:
1. Write the complete electron configuration for Ni	and Sn.
Ni	
Sn	
2. Write the electron configurations for the following	ng elements, using the noble gas abbreviation.
Ni	Al
Sn	U
Bi	Pb
Br	Eu
Xe	Rb
Mn	Cf
In ionic bonding, elements gain or lose electrons in	In covalent bonds, elements share valence electrons. the valence shell. ons, and then write the number of valence electrons it has.
V	As
I	Pt
Pu	В
Po	Am
Cs	Se

5. For each element in #4, <u>underline</u> the valence electrons, and then <u>write the number</u> of valence electrons it has.

			Francium 97	Cosium	Rubidium	Potassium	Sodium	Lithium	T A
a			m Radium		um Strontium	ım Calcium	n Magnesium		5
							etum	TI A	
_	LV		Lawrenclum 103	Lutetlum	Yttrium	Scandium			
	Lanthanum Actinium		Rutherfordium	Hafnlum 72	Zireonium	Titanium			
a	Cerium 58		Dubnium	Tantalum	Nloblum	Vanadium	25	65 55 45	15 25 35
	Praseodymlum Protactinium		Seaborglum	Tungsten	Molybdenum	Chromium	4.	6 2 4 6 9 4.	4 C
9 4	Neodymlum Uranlum		Bohrlum	Rhenium	Technetlum	Manganese	7 7 7	29 et 29 et 49 45	<u>a</u>
	Promethlum Neptunlum	Darms Roen	Hassium	Oemlum	Ruthenium	Iron			
	Semarium	Darmstadtium(DS)	Meltnerium	Iridium	Rhodium	Cobalt			
,	Europium Americum	(PS))	Ununfullum	Platinum	Palladium	Nickel			
	Gadolinium	1	Ununyhlum	Gold	Silver	Copper			
	Terblum Berkellum	Coper	Unwiblum	Mercury	Cadmlum	Zinc			
<	Dysprosium Californium	Copernicium (Cn)	13	Thallium	Indium	Gallium	Aluminum	Beron	K
ž .	Holmlum Einateinlum	(Cn)	ş	Lead	를	Germanium	Silicon	Carbon	
	Erbium Fermium		22	Blamuth	Antimony	Arsenic	Phosphorus	Nitrogen	
	Thullum		116	Polonium	Tellurium	Selenium	Sulfur	Охудел	,
	Ytterblum 70 Nobellum	7	113	Astatine	lodine	Bromine	Chlorine	YII A	
22.	1		118	Radon	Xenon	Krypton	Argon	Neon	Hellum A