

Name \_\_\_\_\_

CHEM 1301/Homework 4

Element Name	Element Symbol	Number of Protons	Number of electrons	Number of neutrons	Atomic number (Z)	Mass Number (A)	Isotope symbol ( $^{13}_6C$ )	Isotope Symbol C-13	Charge
Carbon	C	6	5	7	6	13	$^{13}_6C$	C-13	+1
Rubidium	Rb	37	36	49	37	86	$^{86}_{37}Rb$	Rb-86	+1
Manganese	Mn	25	18	31	25	56	$^{56}_{25}Mn$	Mn-56	+7
Iodine	I	53	54	74	53	127	$^{127}_{53}I$	I-127	-1
Phosphorus	P	15	18	16	15	31	$^{31}_{15}P$	P-31	-3
Zinc	Zn	30	28	37	30	67	$^{67}_{30}Zn$	Zn-67	+2