Quiz 2.2 – Periodic Table Quiz

Name: Kery

Problem 1

Given the masses and abundances of isotopes listed below, what is the is the atomic weight of Gallium?

·	⁶⁹ Ga	⁷¹ Ga	0.60108.68.925581 ama	+ 0.39892-40.927705 and
Mass (amu)	68.925581	70.924705	00.000000000000000000000000000000000000	, 55 / 1 1,05 / / 10
Abundance (%)	60.108%	39.892%	(A M2)	
	IV.	,	69.723 amu	

Problem 2

Classify each of the following elements as a metal, non-metal, or metalloid

4.1	min &
o Carbon Non-metal	Main Group
o Samarium Metal	Inner Transition metal
o Aluminum <i>Metal</i>	Main Group
o Arsenic Metalloid	Mahn Group
o Sulfur non-metal	Main Group
o Antimony Metalloid	Main Group
o Potassium metal	Main Group
	<i>y</i>

Problem 3

Give the name of the family for each of the following elements

o Chlorine Halogen	Main Group
o Lithium Alkali Metal	main Group
o Neon Noble Las	Main Broup
o Silver Coinage Metal	Transition Metal
o Magnesium Alkaline Earth Metal	Main Droup

Problem 4

For each of the elements above, also classify them as being in the *main group*, *transition metals*, or *inner transition metals*