Region I, SCHOOLS DIVISION OF LAOAG CITY, City of Laoag
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"Maayos na pamamalakad. Tapat na pagtupad."

ILOCOS NORTE REGIONAL SCHOOL OF FISHERIES
La Paz, Laoag City
School ID: 300375

Name: _____

Direction: Below is an illustration showing elements color coded according to their metallic or non-metallic properties. Answer the following questions using the illustration given below.

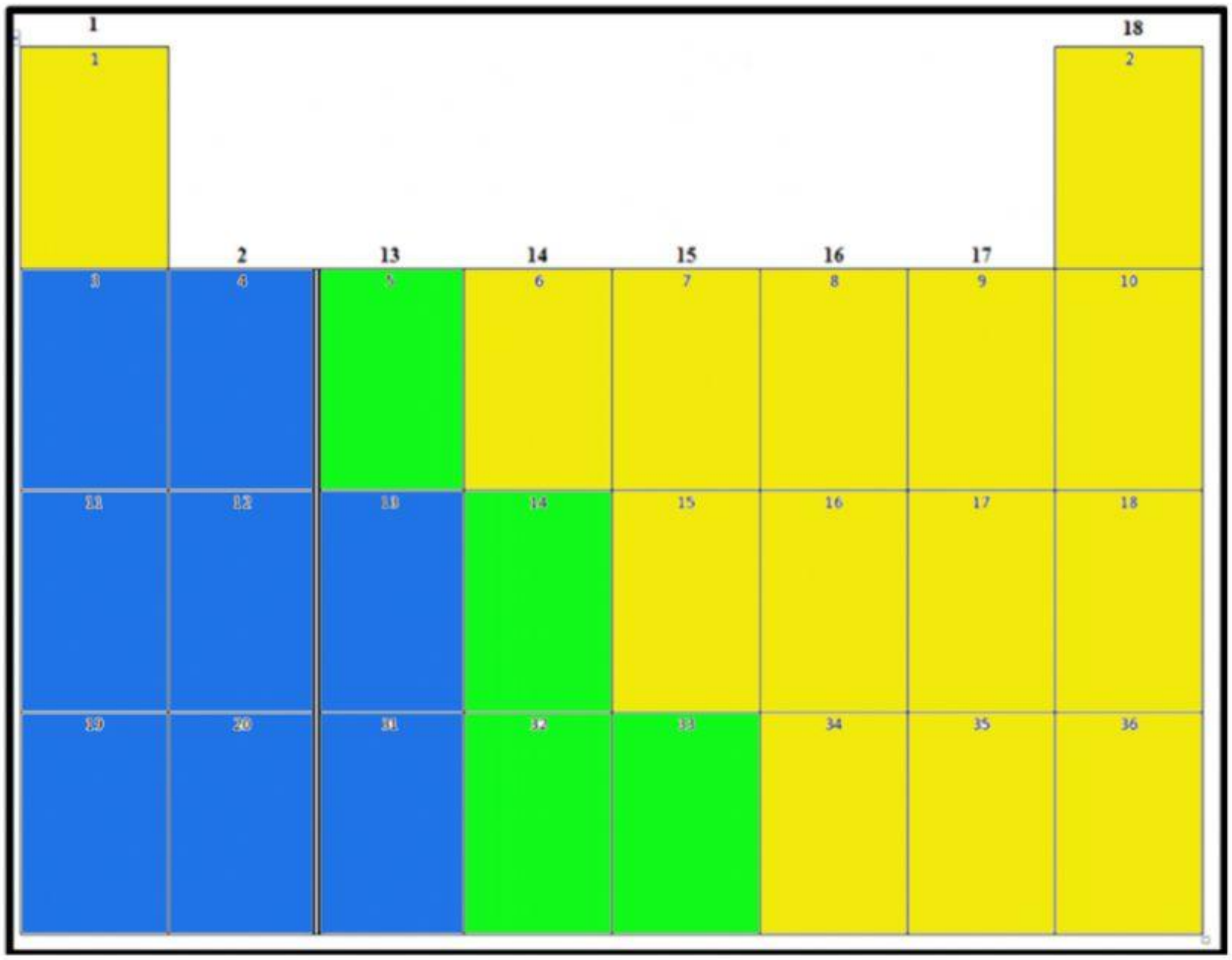
Metal	Metalloid	Nonmetal

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
H																	He
Li	Be											B	C	N	O	F	Ne
Na	Mg											Al	Si	P	S	Cl	Ar
K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr
Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Xe
Cs	Ba	La-Lu	Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po	At	Rn
Fr	Ra	Ac-Lr															

La	Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu
Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr

1. There are 2 boxes outside the periodic table above, draw an arrow on the boxes to indicate increasing metallic property.
2. Which is more metallic? Lithium (Li) or Carbon(C)?
3. Since metals are great conductors of electricity, and non-metals are least to non-conductive of electricity, which is a good insulator? Sulfur (S) or Sodium (Na)?
4. Identify one (1) element that is considered as a metalloid.
5. Can Germanium be used to replace Silicon (Si) as a metalloid? Why?

LIVEWORKSHEETS



Direction: Fill out the simplified table above using the elements give below. Use the group number and the atomic numbers to help you identify where to put the elements. You may use the previous periodic table as reference. After completing the table, answer the following questions.

H	**Li**	**Be**	**Ga**	**Ge**	**As**	**Se**	**Br**
Na	**Mg**	**B**	**C**	**N**	**O**	**F**	**He**
K	**Ca**	**Al**	**Si**	**P**	**S**	**Cl**	**Ne**
Ar	**Kr**						

1. What group does Chlorine (Cl) and Fluorine (F) belong to?
2. What element is found in group 2 with an atomic number of 12?
3. What period is Lithium (Li) found?
4. Which element is a non-metal but belongs to group 1?
5. Which group is the most non-metallic? Why?

LIVEWORKSHEETS