Please complete the following instructions:



- As you come in, <u>please use</u> the hand sanitizer at the back lab table.
- Find your <u>same seat</u> as last time...this is your <u>permanent</u> seat.
- 3. **DO NOT** move the chairs or go to a lab table.
- 4. Turn your computer on, log into **Zoom** and **TURN OFF** your video and **PLUG IN** your headphones.
- 5. Your phone needs to be in your backpack.
- 6. Put your name in the chat on Zoom.
- 7. Answer the daily check-in question.

Have you completed steps 4-7?

On Campus Expectations 2.0

BE ON TIME



Get to school on time.

In between classes use your time wisely to get to the next class.

Come into class, sit in assigned seat, sign into google, and answer the check-in question.

UNMUTE YOURSELF

CHAT RESPONSIBLY

We want to hear you talk to participate. Raise your hand, unmute yourself and speak loudly so we can hear you.



BE PRESENTABLE

Phones are off and put away

inside vour backpack (unless I

BE PREPARED

Bring your own

the cord.

device if you choose.

be charged and bring

Technology should

Wear appropriate clothing.

tell you to use it for

something).

Bring an extra mask in case you need it.

No food or drink in the classroom.

PARTICIPATE



Raise your hand to speak in class.

Type your question in the chat box for our period.

Stay on topic (no side conversation)



Stay focused!

Ask and answer questions and take good notes!

Listen and show PARTICIPATE
respect to peers



PRESENT

Virtual Expectations 2.0

BE ON TIME



Log on a few minutes early, so you are not tardy. Use your real name on the screen & answer the daily check-in question on time to not lose points.

BE PREPARED

BE Be in a QUIET location

PREPARED Technology should be charged

No distractions including phones (unless you are using your phone to meet)

PRESENT

MUTE YOURSELF

Keep your mic on MUTE unless you have been called on

Use headphones if you have them



BE PRESENTABLE

Wear appropriate clothing RE

Be sure your camera is on

In order to mark you present for attendance I have to see you!

CHAT RESPONSIBLY

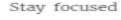


Raise your hand to speak

Type your question in the chat box

Stay on topic (no side conversation)

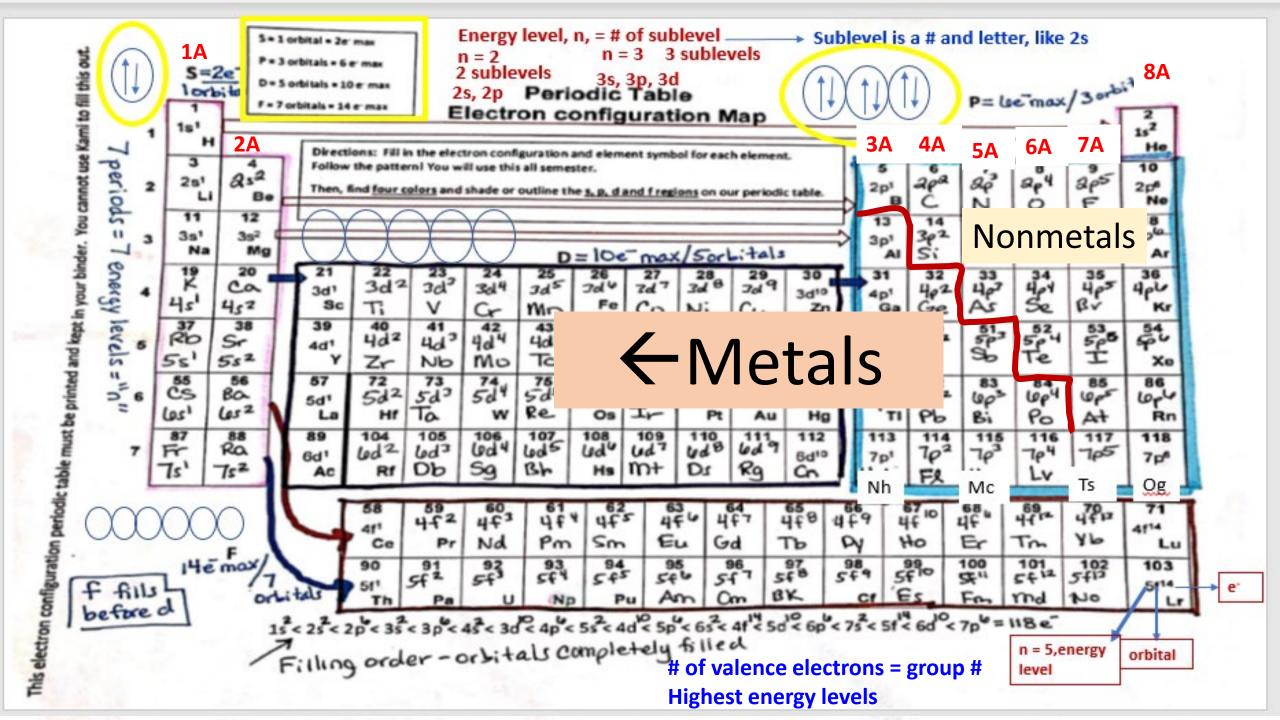
PARTICIPATE





Ask and answer questions, take good notes

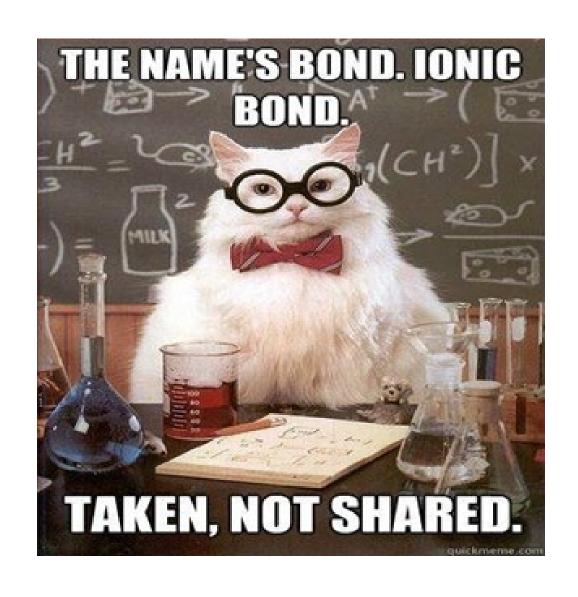
Listen and show respect to peers





Go to page 4, let's learn how to classify and name ionic compounds.

IS4T1- Bonding



Ionic Compounds are:

- Made up of metals (cations) and nonmetals (anions)
- Cations are positive and anions are negative; their charges will cancel in the formula.
- They are electrically neutral because the charges cancel.

Molecular Compounds are:

- Only composed of nonmetals.
- Also known as a covalent compound.
- A solid, liquid or gas at room temperatures.

Let's try some examples

Classify the following elements as ionic or molecular. Circle or highlight the metal in each example if present.

Na ₂ O <u>ionic</u>	NO ₂ molecular	N ₂ O ₄ molecular
SeO ₃ molecular	ionic	ZnF ₂ ionic
FeD ionic	CO molecular	P ₄ O ₁₀ molecular
PCl ₃	C ₂ H ₆	Alc I ₃ ionic

Naming Ionic Compounds

lonic com	pounds a	are forme	d between	an anion	and cation.
. • • • • • • • • • • • • • • • •					

Naming Rules:

- 1. Cation is written first in the name, the metal.
- 2. Anion ending gets changed to -ide, the nonmetal.
- 3. Drop the word ion and write the compound's name (two words).
- 4. The subscripts are used to make the ionic compound neutral. We will learn how to write the compounds in the next lesson.

Examples:

 K_2O = potassium oxide

Only the 2nd element changes to -ide

NaCl = sodium chloride

 Al_2O_3 = aluminum oxide

Now y LiBr	ou try it Lithium bromide	Na ₂ O Sodium oxide	
AIP	Aluminum phosphide	Mg ₃ P ₂ Magnesium phosphide	NOT phosphoride, spelling counts
Al_2S_3	Aluminum sulfide	CaCl ₂ Calcium chloride	
SrO	Strontium oxide	Bal ₂ Barium iodide	KFPotassium fluoride

All of the above examples that you named are ionic or molecular? _			ionic		
How do you know? _	They contain a metal				
What two elements	make a compound ionic? _	metal	&	nonmetal	
What elements mak	e a compound molecular? (Only <u>non</u>	metals		

You will now **complete pages 5-7** and **check** your answers.

Then, you will complete an Edpuzzle for HW.

If you get **dropped from Zoom** you need to come back to class or you will be marked absent.