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2.	2 BOHR MOI	DELS AND	DOT DIAC	FRAMS	\bigcirc
• OBJECTIVE:					
 I will be ions of the VOCABULA 	able to draw and rec ne first eighteen elemo RY:	ad Bohr models a ents.	nd dot diagrams	s of the atoms an	d
Valence Elec	trons Dot Diagrams	lon	Valence Electrons]
			• • •		



























0		2.3 FLRIODIC TRLINL	5
1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 2 4 8 12 3 12 3 12 3 12 3 13 4 14 8 15 18 18 4 19 24 19 25 10 12 10 10 10 10	Periodic Table of the Elements	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
Cristian 1988 87 Firandum 2000	Base Hf Transmit 00000 104 105 105 88 2 89-103 104 105 105 Base 104 F 105 105 105 Base 104 F 105 105 105 Base 104 F 105 105 105 Base 105 F 2 105 105 105	W Re Os I Pt Au House 106 vis.00* Vis.00*	Till Bratum Bratum Durati Till Burget Burg
	Actinide Series Latarum Courter Process Actinide Series Defension of the series Courter Process Bacteria Courter Court	Fragment Non Proversitium Some Eu Caddingtium The some 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 1 1 1 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	y mino to the second se

0	2.4 IONIC COMPOUNDS								
• OBJECTIVE:									
• I will be abl	• I will be able to identify ionic compounds based upon their composition. I will								
understand t	the general p	roperties of i	onic compounds.						
• VOCABULARY:									
Ionic Compound	Ionic Bond	Anion	Cation	Polyatomic lons					
Crystal					\bigcirc				
					\bigcirc				
			• 🔾	\bigcirc					









0	2.5 IONI		NCLATU	RE	\bigcirc
• OBJECTIVE:					
• I will be able	to name ionic o	compounds fr	om their form	ulas and write	e the
formulas of i	onic compounds	from their no	ames.		
VOCABULARY:					
Tomenciatore					0
			• 🔾	\bigcirc	







	2.6 MOLE		COMPOU	NDS	
• OBJECTIVE:					
• I will be will unde	able to identify mo erstand the genera RY:	olecular cor I properties	npounds based u of molecular co	upon their composi mpounds.	tion. I
Molecular Compound	Covalent Bond	Polar	Nonpolar	Double Bond	0
Triple Bond					
			• 🔘	0	\bigcap

















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	2.8 N	NETALLIC	BONDS			\bigcirc
IVE:						
ll understand	the propert	ties of metalli	c bonds.			
ULARY:						
c Bond Sea	of Electrons					
						\bigcirc
						\bigcirc
			0 🔾		0	
	TIVE: Il understand GULARY:	2.8 M	2.8 METALLIC TIVE: Il understand the properties of metalli BULARY:	SULARY: Ic Bond Sea of Electrons	SULARY:	2.8 METALLIC BONDS TIVE: Il understand the properties of metallic bonds. SULARY: Ic Bond Sea of Electrons Image:







2.9 MIXED NOMENCLATURE

- Always determine the type of substance first!
- Then use the appropriate nomenclature system
- Examples:

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