

Name _____

Phusikos 3 Practice 2

Target	1	2 (all of 1 plus)	3 (all of 2 plus)	4 (all of 3 plus)
LE 5.7 Preparedness	Does not complete formative or summative in an effortful and timely manner, is not engaged, does not arrive on time with class materials ready to learn, does not communicate when issues arise	Completes formative or summative in an effortful or timely manner, is sometimes engaged, sometimes arrives on time with class materials ready to learn, sometimes communicates when issues arise	Completes formative or summative in an effortful and timely manner, remains engaged, arrives on time with materials ready to learn, communicates when issues arise	Completes formative or summative in an effortful and timely manner, remains engaged, arrives on time with materials ready to learn, communicates when issues arise, and is reflective on strengths and challenges within your preparedness skill
LE 5.6 Precision	Recognizes the importance of products that are planned, edited, and completed with care	Attempts products that are planned, edited, and completed with care	Creates products that are planned, edited, and completed with minimal errors	Creates products that are planned, edited, and completed free from errors or need for revision
Phusikos 3	I can recognize a Lewis dot diagram	I can draw a Lewis dot diagram for an atom when given its shell diagram	I can draw a Lewis dot structure for atoms of elements in the first three rows of the periodic table	
MP2 Atoms, Bonding	I can diagram the shell structure of an atom and an understanding of valence electrons	(all of 1 plus) I can use the periodic table to predict properties of atoms of elements based on patterns of electrons in atoms	(all of 2 plus) I can predict and diagram bonding between atoms	(all of 3 plus) Nailed it!

Practice your Lewis Dot Structures (FILL IN THE TABLE BELOW)

ATOM INFORMATION	SHELL DIAGRAM	LEWIS DOT DIAGRAM
<p>Hydrogen Atomic # ____ #Protons _____ Mass # _____ # of Neutrons _____ # of Electrons _____ 1st Shell _____ 2nd Shell _____ 3rd Shell _____ Valence Electrons ____</p>		
<p>Element Name: _____ Atomic # ____ # Protons _____ Mass # _____ # of Neutrons _____ # of Electrons _____ 1st Shell _____ 2nd Shell _____ 3rd Shell _____ Valence Electrons ____</p>		

<p>Phosphorus: Atomic # ____ # Protons _____ Mass # _____ # of Neutrons _____ # of Electrons _____ 1st Shell _____ 2nd Shell _____ 3rd Shell _____ Valence Electrons ____</p>		
<p>Chlorine: Atomic # ____ # Protons _____ Mass # _____ # of Neutrons _____ # of Electrons _____ 1st Shell _____ 2nd Shell _____ 3rd Shell _____ Valence Electrons ____</p>		