

Ch 2/ PowerPoint Study-02-2Nomenclature**Name:** _____

Answer these questions as you are watching the videos. They are due in class.

These questions are not just for you to answer but also to prepare you for the exam. So make sure you understand what you are writing and not just copy from the text book.

For the following compounds fill the columns. I have solved a couple to give you an idea.

Name/formula	Covalent/ Ionic compound?	Cation, if present. Write the transition metal or polyatomic ion, if present.	Anion, if present. Write the polyatomic ion, if present.	Name/Formula
CaCl ₂				
N ₂ O ₄				
Ca(NO ₃) ₂				
HF				
Co(OH) ₂	<i>Ionic</i>	<i>Co²⁺, transition metal</i>	<i>OH⁻, polyatomic hydroxide</i>	<i>Cobalt (II) hydroxide</i>
CuCl				
NH ₄ NO ₂				
FeSO ₄				
potassium carbonate				
carbon disulfide	<i>Covalent</i>	<i>None</i>	<i>None</i>	<i>Carbon disulfide</i>
hydrogen chloride				
tin(II) nitride				
lead(IV) phosphate				
calcium hydride				