Name:	Perio	od: Date:_	
Test F	Review: Nomenclature	e, % Composi	tion, & Mole Conversions
Naming/ Form	ula Writing Practice		
1. Name th	b. K ₂ SO ₃ c. Na <u>l</u>	ternary ionic Also make so the ions and	e sure you can name binary ionic compounds, c compounds, covalent compounds and acids. ure that you can write a compound formula from determine what ions crissed-crossed to make ula. Also, when or why would you need Roman
2. Write co	rrect chemical formulas	for each of th	e following:
	a. calcium sulfate)	
	b. hexacarbon he	exahydride	Hint: If it is ionic (M=NM) look up the charges on the PT or the Polyatomic Ion Chart and criss-cross. Reduce if necessary, and make sure you use parenthesis on
	c. lead(II) chloride	Э	polyatomic ions if you criss-crossed a number larger than 1.
	d. zinc chloride		
	e. ammonium pho	osphate	

f. copper (I) sulfide

Molar Mass/GFM Practice

3.	Find the molar mass or GFI	of each of the following:				
	a. magnesiun	n nitrate (Hint: Write the formula firs				
	b. C ₁₂ H ₂₂ O ₁₁					
	c. iron(III) sul	fate (Hint: Write the formula first)				
erce	ntage Composition Praction	ce				
4.	Find the percentage compo	sition of Mg(OH) ₂ :				
	% Mg	% O	% H			
5.	The name of the compound in the previous problem is:					
6.	Find the percentage compo	sition of CF ₆				
	%C	%F				
7.	The name of the compound in the previous problem is :					
8.	Find the percentage compo	sition of CuCl ₂ :				
	% Cu	% Cl				
9.	The name of the compound	in the previous problem is :				
 lole	Conversion Practice					
10	. How many moles are repre	esented by each of the following:				
	•	-				

11. How many formula particles are represented in questions 10a and 10b above?