Chemistry I	Name	ne	
	Date	Per	
Worksheet # C43: Percent Co Empirical Formulas, and Molecu			
1. What is the percent composition of SO <sub>2</sub> ?	S =	%	
	O =		
2. What is the percent composition of calcium phosphate?	ate? Ca =	%	
	P =	%	
	0 =	9	
3. Determine the empirical formula of a compound that hydrogen, and 34.75% oxygen.	t is 52.11% car	bon, 13.14%	
4. Since iron can be either Fe <sup>+2</sup> or Fe <sup>+3</sup> , iron chloride can certain red compound is 34.43% iron and 65.57% chlo FeCl <sub>3</sub> ?	an be either Fe orine, then whic	Cl <sub>2</sub> or FeCl <sub>3</sub> . If a h is it: FeCl <sub>2</sub> or	

5. What is the empirical formula of a compound that is 34.6% gallium, 17.8% carbon, and 47.6% oxygen?

K =	%
CI =	%
0 =	%
3% cobalt, 37.83%	
·	
5.43% carbon 36.19	20/
a?	J 70
	K =