Chemistry	a un da					
Elements and Compounds What elements are present in each compound? potassium iodide KI		sodium carbonate Na ₂ CO ₃ sodium, carbon, oxygen		aluminum oxide Al ₂ O ₃		
calcium bromide CaBr2		acetic acid HC ₂ H ₃ O ₂		magnesium bromide MgBr2		
carbon tetrachloride CCl ₄		nitric acid HNO ₃		barium sulfate BaSO4		
Write the formula for each compound (the compositi zinc oxide 1 atom Zn, 1 atom O potassium				aminum bromide 1 atom Al, 3 atoms Br AlBr ₃		
calcium fluoride 1 atom Ca, 2 atoms F	sodium ł	nydroxide 1 atom Na, 1 atom O, 1 atom H	ethy	yl alcohol 2 atoms C, 6 atoms H, 1 atom O		
benzene 6 atoms C, 6 atoms H lead(II) c		chromate 1 atom Pb, 1 atom Cr, 4 atoms O Aco		cetone 1 atom C, 2 atoms H, 1 atom O		
Write the names and numbers of atoms of Fe_2O_3	each elem	ent in each of the following compounds: Ca(NO ₃) ₂		Cu ₃ (PO ₄) ₂		
K ₂ CO ₃		CH3COCH3		HC2H3O2		
C2H5OH		Na ₂ Cr ₂ O ₇		(NH4)3PO4		
Co(C ₂ H ₃ O ₂) ₂		NiCO ₃		KMnO4		
Mg(HSO ₃) ₂		ZnCl ₂		CH ₃ CH ₂ CH ₂ CH ₃		

How many total atoms are represented i	n each formu	la?			
Co(ClO ₃) ₂	(NH4)2SO3		KAl(SO ₄) ₂		CH ₃ CH ₂ OH
CH ₃ CH ₂ COOH	C12H22O11		NH4C2H3O2		C6H4Cl2
			1414-02113-02		0011.012
Write formulae for the following compo	unde that a a	olloogue rood to you			
Write formulas for the following compounds that a co K3-P-O4		H2-S-O4		K2-O	
K3-1-04		112-3-04		K2-O	
CA (pause) CN taken twice		Fe2-S3 CR (pause) NO3 taken three times		C2-H5 (pause) OH	
The formula for vitamin B ₁₂ is C ₆₃ H ₈₈ C ₆	0N14O14P.				
(a) How many atoms make up one mole		in?			
(b) What percentage of the total atoms a	re carbon?				

(c) What fraction of the total atoms are metallic?