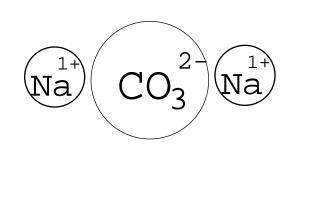
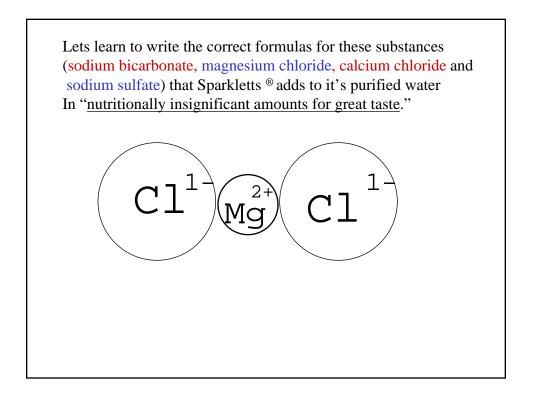


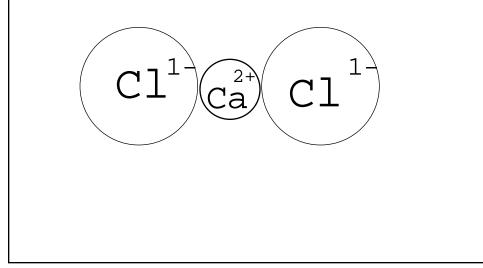
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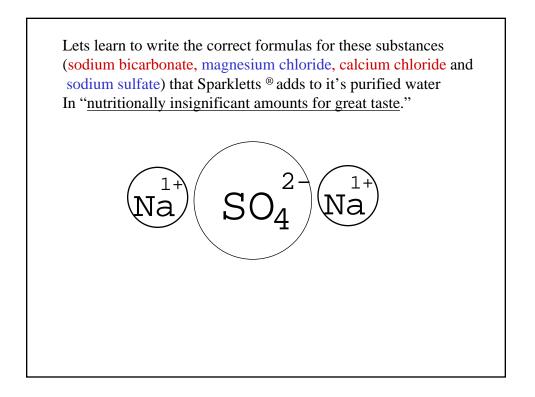
Lets learn to write the correct formulas for these substances (sodium bicarbonate, magnesium chloride, calcium chloride and sodium sulfate) that Sparkletts [®] adds to it's purified water In "nutritionally insignificant amounts for great taste."





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	nclature Exercise: "Nutritionally insignificant Dr. Gergens - SD Mesa	amounts of these compounds added for g College	Supplemental packet
 Say and write the nar chloride) 	cation and each anion (e.g., Na ⁺ is sodium ion ne of the ionic salt compound by combining	each cation with each anion in the table	(e.g., sodium
	y writing in the ionic salt compound formula i a cation and anion must combine in an app		mples on
		anions (name these ions)	
cations (name these ions)	CĪ	SO4 ²⁻	HCQ ₃
	chloride ion	sulfate ion	hydrogen carbonate ion
Na ⁺	NaCl	Na ₂ SO ₄	NaHCO ₃
sodium ion	sodium chloride	sodium sulfate	sodium hydrogen carbonate
Mg ²⁺	MgCl ₂	$MgSO_4$	$Mg(HCO_3)_2$
magnesium ion	magnesium chloride		magnesium hydrogen carbonate
Ca ²⁺	CaCl ₂	CaSO ₄	Ca(HCO ₃) 2
calcium ion	calcium chloride	calcium sulfate	calcium hydrogen carbonate
	n metal cation charge for iron, Fe, in the ioni		
6. Give a name for Fe _{.2} (in its name. 7. Write additional form	SO_4) ₃ . Since transition metals can variable nulas for the cation Fe^{3+} combined with the a	charge, you must some how indicate met	al cation charge nd names.
 Give a name for Fe 2 (in its name. Write additional form cation 	SO ₄) ₃ . Since transition metals can variable	charge, you must some how indicate met	al cation charge
6. Give a name for Fe _{.2} (in its name. 7. Write additional form	SO_4) ₃ . Since transition metals can variable nulas for the cation Fe^{3+} combined with the a	charge, you must some how indicate met nions Cl ⁻ and HCO ₃ ⁻ and give their compou	al cation charge nd names.
6. Give a name for Fe ₂ (in its name. 7. Write additional form cation irron (III) ion Acids. In general, a subs	SO_{4}) ₃ . Since transition metals can variable nulas for the cation Fe ³⁺ combined with the a FeCl ₃	charge, you must some how indicate met nions CI ⁻ and HCO ₃ ⁻ and give their compou Fe ₂ (SO ₄) ₃ iron (III) sulfate la is referred to as an <u>acid</u> . Name the acid	al cation charge nd names. Fe(HCO ₃) ₃ ron (III) hydrogen carbonate J but place a prefix
6. Give a name for Fe 2(in its name. 7. Write additional form cation irron (III) ion Acids. In general, a subs in its name di 2, tri = hydrogens in the formula.	S0 ₄) ₃ . Since transition metals can variable vulue for the cation Fe ³⁺ combined with the a FeCl ₃ iron (III) chloride tance that has an 'H' listed first in its formu	charge, you must some how indicate met nions CI ⁺ and HCO ₃ ⁺ and give their compou Fe2(SO ₄)3 iron (III) sulfate la is referred to as an <u>acid</u> . Name the acid 7, octa = 8, nona = 9, deca = 10 to indi anions	al cation charge nd names. Fe(HCO ₃) ₃ ron (III) hydrogen carbonate J but place a prefix
 Give a name for Fe 2(in its name. Write additional form cation irron (III) ion Acids. In general, a subs in its name di = 2, tri = 	S0 ₄) ₃ . Since transition metals can variable vulue for the cation Fe ³⁺ combined with the a FeCl ₃ iron (III) chloride tance that has an 'H' listed first in its formu	charge, you must some how indicate met nions CI ⁺ and HCO ₂ ⁺ and give their compou Fe ₂ (SQ ₄)3 iron (III) sulfate la is referred to as an <u>acid</u> . Name the acid 7, octa = 8, nona = 9, deca = 10 to indi	al cation charge nd names. Fe(HCO ₃) ₃ ron (III) hydrogen carbonate J but place a prefix
6. Give a name for Fe 2 7. Write additional form 7. Write additional form cation tron (III) ion Acids, in general, a subs data 2, tri = yydrogens in the formula. cations	$SO_{4/3}$. Since transition metals can variable values for the cation Fe ³⁺ combined with the a FeCl ₃ iron (III) chloride iron (III) chloride tance that has an 'H' listed first in its formu 3, tetra = 4, penta = 5, hexa = 6, hepta =	charge, you must some how indicate met nions CI ⁺ and HCO ₃ ⁺ and give their compou Fe2(SO ₄)3 iron (III) sulfate la is referred to as an <u>acid</u> . Name the acid 7, octa = 8, nona = 9, deca = 10 to indi anions	al cation charge nd names. Fe(HCO ₃) 3 irron (III) hydrogen carbonate I but place a prefix cate the number of
5. Give a name for Fe 2(n its name. . Write additional form cation irron (III) ion Acids. In general, a subs in its name di 2, tri = nydrogens in the formula.	S0, $_{J_3}$. Since transition metals can variable uses for the cation Fe ³⁺ combined with the a FeCl ₃ iron (III) chloride tance that has an 'H' listed first in its formu 3, tetra = 4, penta = 5, hexa = 6, hepta = C\Gamma	charge, you must some how indicate met nions CI ⁻ and HCO ₃ ⁻ and give their compou Fe ₂ (SO ₄) ₃ iron (III) sulfate la is referred to as an <u>acid</u> . Name the acid 7, octa = 8, nona = 9, deca = 10 to indi anions SO ₄ ²⁻	al cation charge ad names. Fe(HCO ₃) 3 Iron (III) hydrogen carbonate U but place a prefix cate the number of HCQ6
S. Give a name for Fe 2(in its name. Write additional form cation irron (IIII) ion Acids. In general, a subs n its name di = 2, tri = ydrogens in the formula. cations H ⁺	$So_{4}a_{3}. Since transition metals can variable with some combined with the a feeCl a from (III) chloride target that has an 'H' listed first in its formula, tetra = 4, penta = 5, hexa = 6, hepta = Cr$	charge, you must some how indicate met nions Cl ⁺ and HCO ₂ ⁺ and give their compou Fe ₂ (SO ₄) ₃ iron (III) sulfate la is referred to as an <u>acid</u> . Name the acid 7. octa = 8. nona = 9. deca = 10 to indi anions SO ₄ ²⁻ H ₂ SO ₄	al cation charge nd names. Fe(HCO ₃) 3 ron (III) hydrogen carbonate I but place a prefix cate the number of HCQ5 H2CO3