

8/31/2012



S10 Unit A: Chemistry - Ionic Naming Review

Name: Key!
Date: Sept 21st 2012

1. Complete the table. (1 mark each)

Chemical Formula	IUPAC Name
$SrCl_{2(s)}$	strontium chloride
$RbBr_{(s)}$	rubidium bromide
$Na_2O_{(s)}$	sodium oxide
Al_2S_3	aluminum sulfide
$ZnCl_2$	zinc chloride
MgI_2	magnesium iodide
$CoCl_{2(s)}$	cobalt (II) chloride
$TiO_{2(s)}$ Ti_2O_4	titanium (IV) oxide
$Cu_2O_{(s)}$	copper (I) oxide
SnS	tin (II) sulfide
Cr_2O_3	chromium (III) oxide
FeS	iron (II) sulfide
$KC_6H_5COO_{(s)}$	potassium benzoate
$Na_2S_2O_{3(s)}$	sodium thiosulfate
$NH_4HCO_{3(s)}$	ammonium hydrogen carbonate
$(NH_4)_2S$	ammonium sulfide
$BaSO_3$	barium sulfite
$Mg(OH)_2$	magnesium hydroxide
Na_2SO_4	sodium sulfate decahydrate
$Au(NO_3)_{3(s)}$	gold (III) nitrate
$Bi_2(SO_4)_3$	bismuth (III) sulfate
$KMnO_4$	potassium permanganate

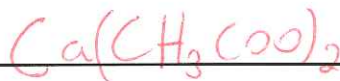
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2. Write the formula for each compound. (1 mark each)

calcium acetate



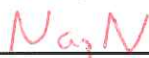
potassium chloride



ammonium carbonate



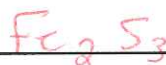
sodium nitride



titanium(IV) hypochlorite



iron(III) sulfide



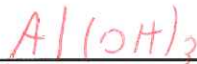
zinc dichromate



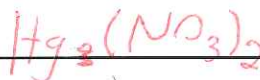
platinum(IV) oxide



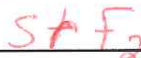
aluminium hydroxide



mercury(II) nitrate



strontium fluoride



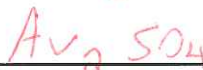
tin(IV) hydrogenoxalate



calcium peroxide



gold(I) sulfate



lead(IV) thiocyanate



nickel(III) sulfide



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3. Write the name of each compound.

CsI cesium iodide

SnCl₄ tin (IV) chloride

Cr(NO₃)₃ chromium (III) nitrate

(NH₄)₃PO₄ ammonium phosphate

Cu₂SO₄ copper (I) sulfate

Mg(H₂PO₄)₂ magnesium dihydrogen phosphate

Na₂S₂O₃ sodium thiosulfate

AgClO₃ silver chlorate

Zn(OH)₂ zinc hydroxide

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