Ionic Compounds: Naming and Writing Formulas

	PO_4^{3-}	Name
Na^+		
Ca^{2+}		
Al^{3+}		
	NO_3^-	
Zn^{2+}		
Fe^{3+}		
K^+		
	SO_4^{2-}	
Ba^{2+}		
Cs^+		
Cr^{3+}		
Sn^{4+}		
	Br^-	
NH_4^+		
Sn^{2+}		
Fe^{3+}		
	CH_3COO^-	
Pb^{2+}		
Fe^{3+}		

	CO_3^{2-}	Name
Ag^+		
Al^{3+}		
Cu^{2+}		
	O^{2-}	
Co^{2+}		
K^+		
Ni^{2+}		
	OH^-	
Mn^{2+}		
Hg^+		
Cr^{3+}		
Pb^{2+}		
	N^{3-}	
Fe^{2+}		
Cu^+		
Sn^{4+}		
	$C_2O_4^{2-}$	
Sr^{2+}		
Cu^+		

Ionic Compounds: Naming and Writing Formulas

	PO_4^{3-}	Name
Na^+	Na_3PO_4	sodium phosphate
Ca^{2+}	$Ca_3(PO_4)_2$	calcium phosphate
Al^{3+}	$AlPO_4$	aluminum phosphate
	NO_3^-	
Zn^{2+}	$Zn(NO_3)_2$	zinc nitrate
Fe^{3+}	$Fe(NO_3)_3$	iron (III) nitrate
K^+	KNO_3	potassium nitrate
	SO_4^{2-}	
Ba^{2+}	$BaSO_4$	barium sulfate
Cs^+	Cs_2SO_4	cesium sulfate
Cr^{3+}	$Cr_2(SO_4)_3$	chromium (III) sulfate
Sn^{4+}	$Sn(SO_4)_2$	tin (IV) sulfate
	Br^-	
NH_4^+	NH_4Br	ammonium bromide
Sn^{2+}	$SnBr_2$	tin (II) bromide
Fe^{3+}	$FeBr_3$	iron (III) bromide
	CH_3COO^-	
Pb^{2+}	$Pb(CH_3COO)_2$	lead (II) acetate
Fe^{3+}	$Fe(CH_3COO)_3$	iron (III) acetate

	CO_3^{2-}	Name
Ag^+	Ag_2CO_3	silver carbonate
Al^{3+}	$Al_2(CO_3)_3$	aluminum carbonate
Cu^{2+}	$CuCO_3$	copper (II) carbonate
	O^{2-}	
Co^{2+}	CoO	cobalt (II) oxide
K^+	K_2O	potassium oxide
Ni^{2+}	NiO	nickel (II) oxide
	OH^-	
Mn^{2+}	$Mn(OH)_2$	manganese (II) hydroxide
Hg^+	$HgOH$	mercury (I) hydroxide
Cr^{3+}	$Cr(OH)_3$	chromium (III) hydroxide
Pb^{2+}	$Pb(OH)_2$	lead (II) hydroxide
	N^{3-}	
Fe^{2+}	Fe_3N_2	iron (II) nitride
Cu^+	Cu_3N	copper (I) nitride
Sn^{4+}	Sn_3N_4	
	$C_2O_4^{2-}$	
Sr^{2+}	SrC_2O_4	strontium oxalate
Cu^+	$Cu_2C_2O_4$	copper (I) oxalate