B. Names and formulas of important ions

Positive ions (cations)		Negative ions (anions)	
Na^+	sodium ion	F^-	fluoride
K^+	potassium ion	Cl^-	chloride
Mg^{2+}	magnesium ion	Br^-	bromide
Ca^{2+}	calcium ion	I^-	iodide
Ba^{2+}	barium ion	ClO^-	hypochlorite
Al^{3+}	aluminium ion	ClO_2^-	chlorite
Sn^{2+}	tin(II) ion	ClO_3^-	chlorate
Sn^{4+}	tin(IV) ion	ClO_4^-	perchlorate
Pb^{2+}	lead(II) ion	BrO_3^-	bromate
Cu^+	copper(I) ion	IO_3^-	iodate
Cu^{2+}	copper(II) ion	MnO_4^{2-}	manganate
Ag^+	silver ion	MnO_4^-	permanganate
Zn^{2+}	zinc ion	O^{2-}	oxide
Hg_2^{2+}	mercury(I) ion	OH^-	hydroxide
Hg^{2+}	mercury(II) ion	O_2^{2-}	peroxide
Cr^{3+}	chromium(III) ion	S^{2-}	sulfide
Mn^{2+}	manganese(II) ion	HS^-	hydrogen sulfide
Fe^{2+}	iron(II) ion	SO_3^{2-}	sulfite
Fe^{3+}	iron(III) ion	HSO_3^-	hydrogen sulfite
Co^{2+}	cobalt(II) ion	SO_4^{2-}	sulfate
Ni^{2+}	nickel(II) ion	HSO_4^-	hydrogen sulfate
NH_4^+	ammonium	$S_2O_3^{2-}$	thiosulfate
H^+	proton (hydron)	$S_4O_6^{2-}$	tetrathionate
H_3O^+	hydronium	$S_2O_8^{2-}$	persulfate
		CrO_4^{2-}	chromate
		$Cr_2O_7^{2-}$	dichromate
		N^{3-}	nitride
		NO_2^-	nitrite
		NO_3^-	nitrate
		P^{3-}	phosphide
		PO_4^{3-}	phosphate
		HPO_4^{2-}	hydrogen phosphate
		$H_2PO_4^-$	dihydrogen phosphate
		CO_3^{2-}	carbonate
		HCO_3^-	hydrogen carbonate
		CN^-	cyanide
		SCN^-	thiocyanate
		CH_3COO^-	ethanoate or acetate