

WRITING MOLECULAR FORMULAS:
(CROSS-OVER RULE)

name: CORRECTIONS

In the thick-bordered boxes write the Ion which is produced by each element
In the thin-bordered boxes write the ionic binary compound which is produced.

		N	O	Br	Cl	S	P
		N^{-3}	O^{-2}	Br^{-1}	Cl^{-}	S^{-2}	P^{-3}
Fe	Fe^{+2}	Fe_3N_2	FeO	$FeBr_2$	$FeCl_2$	FeS	Fe_3P_2
Na	Na^{+}	Na_3N	Na_2O	$NaBr$	$NaCl$	Na_2S	Na_3P
Ca	Ca^{+2}	Ca_3N_2	CaO	$CaBr_2$	$CaCl_2$	CaS	Ca_3P_2
Al	Al^{+3}	AlN	Al_2O_3	$AlBr_3$	$AlCl_3$	Al_2S_3	AlP
Zn	Zn^{+2}	Zn_3N_2	ZnO	$ZnBr_2$	$ZnCl_2$	ZnS	Zn_3P_2
K	K^{+}	K_3N	K_2O	KBr	KCl	K_2S	K_3P
Cu	Cu^{+2}	Cu_3N_2	CuO	$CuBr_2$	$CuCl_2$	CuS	Cu_3P_2
H	H^{+}	H_3N	H_2O	HBr	HCl	H_2S	H_3P
Mg	Mg^{+2}	Mg_3N_2	MgO	$MgBr_2$	$MgCl_2$	MgS	Mg_3P_2
Fe	Fe^{+3}	FeN	Fe_2O_3	$FeBr_3$	$FeCl_3$	Fe_2S_3	FeP