

IONIC COMPOUNDS FORMULA TEST

NAME: _____

Write the formulae of the following ionic compounds:

NAME	FORMULA	NAME	FORMULA
Sodium fluoride	NaF	Lead sulfate $\text{Pb}^{2+} \text{SO}_4^{2-}$	$\text{Pb}(\text{SO}_4)$
Calcium fluoride	CaF_2	Sodium chloride	NaCl
Calcium carbonate	$\text{Ca}(\text{CO}_3)$	Magnesium nitrate	$\text{Mg}(\text{NO}_3)_2$
Copper (II) carbonate	$\text{Cu}(\text{CO}_3)$	Magnesium chloride	MgCl_2
Copper (II) oxide	CuO	Ammonium chloride	$(\text{NH}_4)\text{Cl}$
Potassium oxide	K_2O	Ammonium bromide	$(\text{NH}_4)\text{Br}$
Potassium nitrate	$\text{K}(\text{NO}_3)$	Calcium bromide	CaBr_2
Zinc nitrate	$\text{Zn}(\text{NO}_3)_2$	Calcium bicarbonate	$\text{Ca}(\text{HCO}_3)_2$
Zinc hydroxide	$\text{Zn}(\text{OH})_2$	Sodium hydrogencarbonate	$\text{Na}(\text{HCO}_3)$
Aluminium hydroxide	$\text{Al}(\text{OH})_3$	Iron (III) oxide	Fe_2O_3
Aluminium sulfate	$\text{Al}_2(\text{SO}_4)_3$	Iron (II) oxide	FeO
Lead (II) nitrate	$\text{Pb}(\text{NO}_3)_2$	Silver oxide	Ag_2O
Silver hydrogensulfate	$\text{Ag}(\text{HSO}_4)$	Silver acetate	$\text{Ag}(\text{CH}_3\text{COO})$
Silver sulfite	$\text{Ag}_2(\text{SO}_3)$	Ammonium acetate	$(\text{NH}_4)(\text{CH}_3\text{COO})$
Barium sulfite	$\text{Ba}(\text{SO}_3)$	Potassium permanganate	K
Barium sulfate	$\text{Ba}(\text{SO}_4)$	Calcium permanganate	Ca
Iron (II) sulfate	$\text{Fe}(\text{SO}_4)$	Calcium sulfide	CaS
Iron (II) nitrite	$\text{Fe}(\text{NO}_2)_2$	Aluminium sulfide	Al_2S_3
Ammonium nitrate	$(\text{NH}_4)(\text{NO}_3)$	Aluminium chloride	AlCl_3
Lead (II) phosphate	$\text{Pb}_3(\text{PO}_4)_2$	Iron (III) chloride	Fe_2Cl_3

Carbonate - CO_3^{2-}

Nitrate - NO_3^-

Hydroxide - OH^-

Sulfate - SO_4^{2-}

Sulfite - SO_3^{2-}

hydrogensulfate - HSO_4^-

Phosphate - PO_4^{3-}

Ammonium - NH_4^+