

Name:

<b>Give correct formulas for these Type I binary ionic compounds</b>	
calcium iodide	magnesium phosphide
calcium hydride	sodium chloride
magnesium fluoride	barium oxide
cadmium bromide	aluminum arsenide
sodium nitride	calcium sulfide
rubidium oxide	potassium selenide
barium nitride	sodium iodide
lithium chloride	lithium sulfide
silver sulfide	calcium carbide
aluminum nitride	sodium hydride
cesium fluoride	magnesium nitride

<b>Give correct names for these Type I binary ionic compounds</b>	
KCl	MgO
K <sub>2</sub> O	AlCl <sub>3</sub>
CaO	BaS
MgCl <sub>2</sub>	Al <sub>2</sub> S <sub>3</sub>
NaH	SrF <sub>2</sub>
ZnS	MgI <sub>2</sub>
RbBr	CaSe
Al <sub>2</sub> O <sub>3</sub>	BaBr <sub>2</sub>
Na <sub>3</sub> N	CsCl
Ca <sub>2</sub> C	Mg <sub>3</sub> P <sub>2</sub>
KI	CaCl <sub>2</sub>

## Type I Binary Compounds KEY

**Give correct formulas for these Type I binary compounds**

calcium iodide	CaI <sub>2</sub>	magnesium phosphide	Mg <sub>3</sub> P <sub>2</sub>
calcium hydride	CaH <sub>2</sub>	sodium chloride	NaCl
magnesium fluoride	MgF <sub>2</sub>	barium oxide	BaO
cadmium bromide	CdBr <sub>2</sub>	aluminum arsenide	AlAs
sodium nitride	Na <sub>3</sub> N	calcium sulfide	CaS
rubidium oxide	Rb <sub>2</sub> O	potassium selenide	K <sub>2</sub> Se
barium nitride	Ba <sub>3</sub> N <sub>2</sub>	sodium iodide	NaI
lithium chloride	LiCl	lithium sulfide	Li <sub>2</sub> S
silver sulfide	Ag <sub>2</sub> S	calcium carbide	Ca <sub>2</sub> C
aluminum nitride	AlN	sodium hydride	NaH
cesium fluoride	CsF	magnesium nitride	Mg <sub>3</sub> N <sub>2</sub>

KCl	potassium chloride	MgO	magnesium oxide
K <sub>2</sub> O	potassium oxide	AlCl <sub>3</sub>	aluminum chloride
CaO	calcium oxide	BaS	barium sulfide
MgCl <sub>2</sub>	magnesium chloride	Al <sub>2</sub> S <sub>3</sub>	aluminum sulfide
NaH	sodium hydride	SrF <sub>2</sub>	strontium fluoride
ZnS	zinc sulfide	MgI <sub>2</sub>	magnesium iodide
RbBr	rubidium bromide	CaSe	calcium selenide
Al <sub>2</sub> O <sub>3</sub>	aluminum oxide	BaBr <sub>2</sub>	barium bromide
Na <sub>3</sub> N	sodium nitride	CsCl	cesium chloride
Ca <sub>2</sub> C	calcium carbide	Mg <sub>3</sub> P <sub>2</sub>	magnesium phosphide
KI	potassium iodide	CaCl <sub>2</sub>	calcium chloride