

Type I Binary Compounds contain Group I, II, and III metals with non-metal ions. Answers are shown below.

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

Give correct formulas for these Type I binary compounds

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

Return to: [Exam/Quiz Review Page](#) | [Compound Naming Page](#)