

WRITING AND NAMING BINARY IONIC COMPOUNDS PRACTICE

Write a CORRECT chemical formula for each of the following binary compounds:

<u>CdS</u>	cadmium sulfide
<u>ZnI₂</u>	zinc iodide
<u>Fe₂O₃</u>	iron (III) oxide
<u>PbCl₂</u>	lead (II) chloride
<u>Mg₃N₂</u>	magnesium nitride
<u>FeF₂</u>	Iron (II) fluoride
<u>CuBr₂</u>	Copper (II) bromide
<u>Ag₃N</u>	silver nitride
<u>Pb^{IV}O₂</u>	lead (IV) oxide
<u>KCl</u>	potassium chloride
<u>SrS</u>	strontium sulfide
<u>Li₂O</u>	lithium oxide
<u>SnI₂</u>	tin (II) iodide
<u>HgBr₂</u>	Mercury (II) bromide
<u>AlF₃</u>	aluminum fluoride

<u>Cs₃P</u>	cesium phosphide
<u>AgBr</u>	silver bromide
<u>FeN</u>	iron (III) nitride
<u>Cu₂O</u>	Copper (I) oxide
<u>ZnS</u>	zinc sulfide
<u>Hg₂P</u>	Mercury (I) phosphide
<u>SnO₂</u>	Tin (IV) oxide
<u>CsCl</u>	cesium chloride
<u>BaBr₂</u>	barium bromide
<u>Pb₂N₂</u>	Lead (II) nitride
<u>NaF</u>	sodium fluoride
<u>FeI₃</u>	Iron (III) iodide
<u>K₂O</u>	potassium oxide
<u>Cu₃P₂</u>	Copper (II) phosphide
<u>SnS</u>	Tin (II) sulfide

Write out in words the name of each of the following compounds:

<u>Copper II Chloride</u>	CuCl ₂
<u>Lithium Phosphide</u>	Li ₃ P
<u>Iron II Oxide</u>	FeO
<u>Barium Iodide</u>	BaI ₂
<u>Sodium Nitride</u>	Na ₃ N
<u>Cesium Bromide</u>	CsBr
<u>Tin II Sulfide</u>	SnS
<u>Calcium Nitride</u>	Ca ₃ N ₂
<u>Mercury II Iodide</u>	HgI ₂
<u>Lead IV Oxide</u>	PbO
<u>Lead II Bromide</u>	PbBr ₂
<u>Mercury II Sulfide</u>	HgS
<u>Calcium fluoride</u>	CaF ₂
<u>Copper II Oxide</u>	CuO
<u>Copper I Phosphide</u>	Cu ₃ P

<u>Potassium Chloride</u>	KCl
<u>Tin IV Sulfide</u>	SnS ₂
<u>Cadmium Nitride</u>	Cd ₃ N ₂
<u>Zinc Fluoride</u>	ZnF ₂
<u>Cesium Oxide</u>	Cs ₂ O
<u>Lithium Iodide</u>	LiI
<u>Mercury II Fluoride</u>	HgF ₂
<u>Copper I Chloride</u>	CuCl
<u>Calcium Phosphide</u>	Ca ₃ P ₂
<u>Sodium Sulfide</u>	Na ₂ S
<u>Tin II Oxide</u>	SnO
<u>Mercury II Phosphide</u>	Hg ₃ P ₂
<u>Iron III Oxide</u>	Fe ₂ O ₃
<u>Silver Bromide</u>	AgBr
<u>Lithium Sulfide</u>	Li ₂ S