



BINARY IONIC COMPOUNDS WORKSHEET



Write the formulas for the following binary ionic compounds.

a. Lithium Oxide

b. Nickel (I) Sulfide

c. Potassium Fluoride

d. Calcium Phosphide

e. Chromium (III) Sulfide

f. Aluminum Oxide

g. Copper (II) Phosphide

h. Lead (IV) Bromide

i. Zinc Sulfide

j. Cobalt (II) Chloride

k. Gold Nitride

l. Lead (II) Oxide

m. Manganese (II) Oxide

n. Tin (II) Chloride

o. Iron (III) Oxide

p. Mercury (II) Bromide

q. Copper (I) Oxide

r. Cobalt (III) Chloride

s. Lead (IV) Oxide

t. Chromium (III) Chloride

u. Chromium (II) Nitride



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Answers

Write the formulas for the following binary ionic compounds.

a. Lithium Oxide	LiO
b. Nickel (I) Sulfide	Ni_2S
c. Potassium Fluoride	KF
d. Calcium Phosphide	Ca_3P_2
e. Chromium (III) Sulfide	Cr_2S_3
f. Aluminum Oxide	Al_2O_3
g. Copper (II) Phosphide	Cu_3P_2
h. Lead (IV) Bromide	PbBr_4
i. Zinc Sulfide	ZnS
j. Cobalt (II) Chloride	CoCl_2
k. Gold Nitride	Au_3N
l. Lead (II) Oxide	PbO
m. Manganese (II) Oxide	MnO
n. Tin (II) Chloride	SnCl_2
o. Iron (III) Oxide	Fe_2O_3
p. Mercury (II) Bromide	HgCl_2
q. Copper (I) Oxide	Cu_2O
r. Cobalt (III) Chloride	CoCl_3
s. Lead (IV) Oxide	PbO_2
t. Chromium (III) Chloride	CrCl_3
u. Chromium (II) Nitride	Cr_3N_2