SH3UI
Ms. Williamson

Name: _____
Date: _____

Nomenclature #1: Binary Ionic Compounds

1. Write the chemical formulas for the following binary ionic compounds:

barium oxide	lithium sulfide
magnesium bromide	strontium iodide
calcium sulfide	hydrogen bromide
lithium oxide	potassium chloride
cadmium fluoride	silver sulfide
potassium phosphide	zinc carbide
manganese (IV) sulfide	cobalt (II) bromide
manganese (II) carbide	phosphorus (V) nitride
gold (I) iodide	nickel (III) phosphide
iron (II) bromide	copper (II) sulfide
aluminum sulfide	silicon iodide
lead (IV) carbide	aluminum fluoride
arsenic (V) nitride	mercury (I) phosphide
cobalt (III) phosphide	cesium nitride
magnesium oxide	phosphorus (III) chloride

2. Name the following binary compounds:

Li_4C	Ba_3N_2
$MgBr_2$	Al_2O_3
$CaCl_2$	NaF
BaO	$ZnBr_2$
Ag_3N	KI
SrS	Cd_3P_2
BiH_5	AgCl
$AuBr_3$	CoO
Mn_3N_4	MnS_2
FeF_2	Pb_2C
$NiCl_2$	Sr_3P_2
HgO	CuF
$CoBr_3$	$NiBr_3$
CrS	FeN
NiN	SiO_2
SnO_2	Sb_2S_5
Au_3P	AsH_3