Chemistry Practice Sheet - Writing and Naming Formulas

I. Write the formulas of these compounds:

aluminum phosphate _____
aluminum sulfide _____
aluminum sulfate _____
aluminum hydroxide _____
aluminum nitrate _____
ammonium carbonate _____
ammonium sulfide _____
ammonium oxalate _____
ammonium phosphate _____
barium chromate _____
barium carbonate _____
barium hydroxide _____
barium sulfate _____
calcium fluoride _____
calcium phosphate _____
calcium chromate _____
calcium acetate _____
calcium perchlorate _____
carbon monoxide _____
carbon tetrachloride _____
carbon disulfide _____
chromium (II) hydroxide _____
chromium (III) fluoride _____
cobalt (III) oxide _____
copper (II) chloride _____
copper (I) sulfide _____
copper (II) bromide _____
copper (II) oxide _____
copper (I) oxide _____
dinitrogen tribromide _____
diphosphorous pentachloride _____
gold (III) hydroxide _____
iron (III) chlorate _____
iron (III) oxide _____
iron (III) hydroxide _____
iron (III) sulfide _____
iron (II) chloride _____
iron (II) oxide _____
lead (II) carbonate _____
lead (IV) oxide _____
lithium bromide _____
lithium acetate _____
magnesium iodide _____
magnesium perchlorate _____
magnesium oxalate _____
magnesium fluoride _____
magnesium bromide _____
magnesium sulfate _____
manganese (II) sulfate _____
nickel (II) sulfide _____
nitrogen trioxide _____
phosphorous tribromide _____
potassium carbonate _____
potassium permanganate _____
potassium chlorate _____
potassium oxide _____
silicon dioxide _____
silver nitrate _____
silver sulfide _____
sodium sulfate _____
sodium bicarbonate _____
sodium nitride _____
sodium hydrogen carbonate _____
sodium fluoride _____
sodium hydrogen sulfate _____
strontium phosphide _____
strontium chloride _____
strontium nitrite _____
sulfur dioxide _____
sulfur hexafluoride _____
tin (II) phosphate _____
tin (IV) bromide _____
tin (II) fluoride _____
tin (IV) oxide _____
tin (IV) sulfide _____
zinc nitrite _____
zinc sulfate _____
zinc acetate _____

II. Using the formulas given below, name these compounds.

Al_2S_3	_____	$KClO_3$	_____
KCl	_____	SO_2	_____
$Zn(NO_3)_2$	_____	MgO	_____
$(NH_4)_3PO_4$	_____	$Ba(C_2H_3O_2)_2$	_____
$ZnCO_3$	_____	PCl_5	_____
$CuSO_4$	_____	CBr_4	_____
Na_2SO_4	_____	$FeCl_3$	_____
$LiCl$	_____	$Al_2(SO_4)_3$	_____
$FeSO_4$	_____	$Mg_3(PO_4)_2$	_____
$Pb(NO_3)_2$	_____	$NiBr_2$	_____
MgO	_____	Na_2S	_____
$CaCO_3$	_____	NH_4Br	_____
$SnCl_4$	_____	$NaC_2H_3O_2$	_____
$AgClO_3$	_____	NH_4ClO_3	_____
NH_4F	_____	$CuBr_2$	_____
$NaNO_2$	_____	$NaHCO_3$	_____
$MgSO_4$	_____	MgI_2	_____
$CuBr_2$	_____	$MgCl_2$	_____
$BaCl_2$	_____	$Ca(NO_3)_2$	_____
$Al_2(SO_4)_3$	_____	$Fe_2(CO_3)_3$	_____
$NaC_2H_3O_2$	_____	$(NH_4)_2O$	_____
KOH	_____	SO_2	_____
MgI_2	_____	NF_3	_____
$KMnO_4$	_____	$Fe(OH)_2$	_____
P_2O_5	_____	NH_4ClO_3	_____
KI	_____	NH_4HCO_3	_____
NO	_____	Li_3PO_4	_____
Na_3PO_4	_____	$Al_2(SO_4)_3$	_____
$BaCO_3$	_____	$NaC_2H_3O_2$	_____
MgF_2	_____	K_2CrO_4	_____
FeO	_____	$Ca(OH)_2$	_____
$PbCl_2$	_____	$ZnSO_3$	_____
SiO_2	_____	SnS	_____
$AgNO_3$	_____	$NaNO_3$	_____
$LiSO_3$	_____	$CrPO_4$	_____
KNO_3	_____	$AgNO_3$	_____
$NaOH$	_____	$AgNO_2$	_____
$CaCO_3$	_____	$Pb(C_2H_3O_2)_2$	_____
$PbSO_4$	_____	Li_2S	_____
$CaCrO_4$	_____	NH_4MnO_4	_____
$(NH_4)_3PO_4$	_____	$K_2C_2O_4$	_____
$NaHCO_3$	_____	$Ca(ClO_4)_2$	_____
$NaNO_2$	_____		