Chemistry: Writing and Naming Ionic Compounds Name

Part I. Write the formulas for the following ionic compounds

1. Calcium fluoride CaF_2
2. Mercury (II) chloride $HgCl_2$
3. Lead (II) phosphate $Pb_3(PO_4)_2$
4. Potassium nitrite KNO_2
5. Ammonium nitrate NH_4NO_3
6. Calcium hydroxide $Ca(OH)_2$
7. Barium carbonate $BaCO_3$
8. Chromium (III) sulfite $Cr_2(SO_3)_3$
9. Aluminum hydroxide $Al(OH)_3$
10. Ferrous oxide FeO
11. Magnesium acetate $Mg(C_2H_3O_2)_2$
12. Silver chromate $AgCrO_4$
13. Sodium peroxide Na_2O_2
14. Iron (II) carbonate $FeCO_3$
15. Potassium chlorate $KClO_3$
16. Cuprous sulfide Cu_2S

Part II. Name the following ionic formulas

17. KNO_3 potassium nitrate
18. $(NH_4)_3PO_4$ ammonium phosphate
19. ZnI_2 zinc iodide
20. NaOH sodium hydroxide
21. $AgC_2H_3O_2$ silver acetate
22. $CaCO_3$ calcium carbonate
23. $Cu(NO_3)_2$ Copper (II) nitrate cupric nitrate
24. $PbSO_4$ lead (II) sulfate or plumbous sulfate
25. $Fe_3(PO_4)_2$ iron (II) phosphate ferrous phosphate
26. $CaSO_4$ calcium sulfate
27. Na_2CO_3 sodium carbonate
28. HBr hydrogen bromide
29. $FeCl_3$ iron (III) chloride ferric chloride
30. $KHSO_4$ potassium hydrogen sulfate or potassium bisulfate