

Chemistry: Writing and Naming Compounds

Name

Part I. Write the formulas for the following compounds

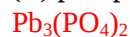
1. Calcium fluoride



2. Mercury (II) chloride



3. Lead (II) phosphate



4. Potassium nitrite



5. Sulfur dioxide



6. Ammonium nitrate



7. Iodine heptafluoride



8. Calcium hydroxide



9. Dinitrogen pentaoxide



10. Barium carbonate



11. Chromium (III) sulfite



12. Phosphorus pentafluoride



13. Aluminum hydroxide



14. Carbon monoxide



15. Ferrous oxide



16. Magnesium acetate



17. Silver chromate



18. Sodium peroxide



19. Iron (II) carbonate



20. Potassium chlorate



21. Cuprous sulfide



Part II. Name the following formulas

22. KNO_3

potassium nitrate

23. $(\text{NH}_4)_3\text{PO}_4$

ammonium phosphate

24. SO_3

sulfur trioxide

25. CO_2

carbon dioxide

26. ZnI_2

zinc iodide

27. NaOH

sodium hydroxide

28. $\text{AgC}_2\text{H}_3\text{O}_2$

silver acetate

29. N_2O_4

dinitrogen tetraoxide

30. CaCO_3

calcium carbonate

31. BCl_3

boron trichloride

32. $\text{Cu}(\text{NO}_3)_2$

copper (II) nitrate or cupric nitrate

33. PbSO_4

lead (II) sulfate or Plumbous sulfate

34. $\text{Fe}_3(\text{PO}_4)_2$

iron (II) phosphate or Ferrous phosphate

35. PCl_3

phosphorous trichloride

36. CaSO_4

calcium sulfate

37. Na_2CO_3

sodium carbonate

38. HBr

hydrogen monobromide

39. N_2Cl_4

dinitrogen tetrachloride

40. FeCl_3 iron(III) chloride
or ferric chloride41. KHSO_4 potassium hydrogen sulfate
or potassium bisulfate42. NO

nitrogen monoxide