

Naming Ionic Compounds 1

Part 1

Write the formula for each of the following ionic compounds.

1. lithium acetate _____
2. iron(II) phosphate _____
3. iron(III) phosphate _____
4. titanium(II) selenide _____
5. calcium bromide _____
6. gallium(III) chloride _____
7. sodium hydride _____
8. beryllium hydroxide _____
9. zinc carbonate _____
10. manganese(VII) arsenide _____
11. copper(II) chlorate _____
12. cobalt(III) chromate _____
13. ammonium oxide _____
14. potassium hydroxide _____
15. lead(IV) sulfate _____
16. silver cyanide _____
17. vanadium(V) nitride _____
18. strontium acetate _____
19. platinum(II) sulfide _____
20. ammonium sulfate _____

Part 2

Name each of the following ionic compounds. (Hint: 33 – 40 require roman numerals)

21. $NaBr$ _____

22. $Sc(OH)_3$ _____

23. NH_4F _____

24. $CaCO_3$ _____

25. Na_2SO_4 _____

26. Li_2SO_3 _____

27. Zn_3P_2 _____

28. $Sr(C_2H_3O_2)_2$ _____

29. Ag_3PO_4 _____

30. $YClO_3$ _____

31. $CdSO_3$ _____

32. $KMnO_4$ _____

33. Pb_3N_2 _____

34. $CoCO_3$ _____

35. $Cu(NO_2)_2$ _____

36. $Fe(HCO_3)_2$ _____

37. $V_2(SO_4)_3$ _____

38. Cu_2O _____

39. SnS_2 _____

40. $Ti(CN)_4$ _____