

NAMING & BALANCING WITH TRANSITION METALS Answersheet

NAME THE FOLLOWING COMPOUNDS:

1. $\text{Fe}(\text{NO}_3)_3$ _Iron (III) nitrate_____
2. $\text{Co}_3(\text{PO}_4)_2$ _Cobalt (II) phosphate_____
3. $\text{Cr}(\text{CN})_3$ __Chromium (III) cyanide_____
4. $\text{Pb}(\text{SO}_4)$ __Lead (II) sulfate_____
5. Cr_2O_3 _____Chromium (III) oxide_____
6. $\text{Co}(\text{CN})_3$ _____Cobalt (III) cyanide_____
7. MnO_2 _____Manganese (IV) oxide_____
8. Fe_2O_3 _____Iron (III) oxide_____
9. $\text{Pb}(\text{OH})_2$ _____Lead (II) hydroxide _____
10. HgO _____Mercury (II) oxide_____

BALANCE THE FOLLOWING

11. iron (II) sulfate _____ FeSO_4 _____
12. copper (II) hydroxide _____ $\text{Cu}(\text{OH})_2$ _____
13. mercury (I) sulfate _____ Hg_2SO_4 _____
14. nickel (III) bicarbonate _____ $\text{Ni}(\text{HCO}_3)_3$ _____
15. zinc hydroxide _____ $\text{Zn}(\text{OH})_2$ _____
16. nickel (II) chloride _____ NiCl_2 _____
17. copper (II) nitrite _____ $\text{Cu}(\text{NO}_2)_2$ _____
18. tin (II) bromide _____ SnBr_2 _____
19. manganese (VII) fluoride _____ MnF_4 _____
20. cobalt (III) nitrate _____ $\text{Co}(\text{NO}_3)_3$ _____
21. chromium (III) phosphide _CrP_____
22. nickel (II) selenide _____ NiSe _____
23. copper (I) carbonate _____ Cu_2CO_3 _____
24. gold (III) chloride _____ AuCl_3 _____
25. tin (IV) chloride _____ SnCl_4 _____

