

Fill in the missing formula or name for the following ionic compounds:

- Aluminum chloride $AlCl_3$
- Aluminum sulfide Al_2S_3
- Copper(II) sulfate (aka "cupric sulfate") $CuSO_4$
- $NaCl$ Sodium chloride
- Na_3N Sodium nitride
- $NaNO_3$ sodium nitrate
- Copper (II) Nitrate (aka "cupric nitrate") $Cu(NO_3)_2$
- $Na_2Cr_2O_7$ Sodium dichromate
- Iron (III) sulfide (aka "ferric sulfide") Fe_2S_3
- K_2CrO_4 potassium chromate
- CuO Copper (II) oxide or cupric oxide
- FeO iron (II) oxide or ferrous oxide
- Fe_2O_3 iron (III) oxide or ferric oxide
- $SnCl_2$ Tin(II) chloride (or "stannous chloride")
- $Sn(SO_4)_2$ Tin(IV) sulfate (or "stannic sulfate")
- Ammonium nitrate NH_4NO_3
- $AgNO_3$ silver nitrate
- Aluminum permanganate $Al(MnO_4)_3$
- Al_2O_3 aluminum oxide
- $Cu_3(PO_4)_2$ Copper (II) phosphate (or "cupric phosphate")
- $FePO_4$ Iron(III) phosphate (or "ferric phosphate")
- PbS_2 Lead (IV) sulfide (or "plumbic sulfide")
- CuS Copper (II) sulfide (or "cupric sulfide")
- Cu_2S Copper (I) sulfide (or "cuprous sulfide")
- Na_2O Sodium oxide
- Iron (III) sulfate $Fe_2(SO_4)_3$
- Silver dichromate $Ag_2Cr_2O_7$

WS 6.1 Key

28. Barium hydroxide $\text{Ba}(\text{OH})_2$
29. Magnesium Acetate $\text{Mg}(\text{C}_2\text{H}_3\text{O}_2)_2$
30. Hydrogen peroxide H_2O_2
31. $\text{Ba}(\text{HCO}_3)_2$ Barium bicarbonate
32. CaI_2 Calcium iodide
33. FeCO_3 Iron (II) carbonate
↑ or ferrous
34. $\text{Pb}(\text{CO}_3)_2$ Lead (IV) carbonate (plumbic carbonate)
35. $\text{Cr}(\text{NO}_3)_3$ Chromium (III) nitrate
36. $\text{Cr}(\text{C}_2\text{H}_3\text{O}_2)_2$ Chromium (II) acetate
37. $\text{Fe}_3(\text{PO}_4)_2$ Iron (II) phosphate (ferrous phosphate)
38. potassium peroxide
 K_2O_2
39. Ferric hydroxide
 $\text{Fe}(\text{OH})_3$
40. Ammonium chloride
 NH_4Cl
41. Ammonium sulfate $(\text{NH}_4)_2\text{SO}_4$
42. Ag_2O silver oxide
43. $\text{Zn}_3(\text{PO}_4)_2$ Zinc phosphate
44. ferrous oxide FeO
45. SnCr_2O_7 Tin (II) dichromate (stannous dichromate)
46. $\text{Sn}(\text{C}_2\text{O}_4)_2$ Tin (IV) oxalate (stannic oxalate)
47. $\text{Pb}_3(\text{PO}_4)_2$ Lead (II) phosphate (plumbous phosphate)
48. $\text{NH}_4\text{C}_2\text{H}_3\text{O}_2$ ammonium acetate
49. Zinc hydroxide $\text{Zn}(\text{OH})_2$
50. ZnSO_4 zinc sulfate
51. $(\text{NH}_4)_3\text{PO}_4$ ammonium phosphate
52. Calcium nitrite $\text{Ca}(\text{NO}_2)_2$
53. cuprous peroxide Cu_2O_2
 $\text{Cu}^{+1} \text{O}_2^{-2}$
54. Lead(II) dichromate PbCr_2O_7
55. calcium phosphate $\text{Ca}_3(\text{PO}_4)_2$
56. cupric chloride CuCl_2
57. Iron (III) carbonate $\text{Fe}_2(\text{CO}_3)_3$
58. cupric chlorate $\text{Cu}(\text{ClO}_3)_2$
59. NH_4Br ammonium bromide
60. copper(I) oxide Cu_2O
61. chromium(III)oxide
 Cr_2O_3
62. ferric bromide
 FeBr_3