

Inorganic Nomenclature WS 1- Write the formulas for the following compounds.

1. mercury(II) fluoride	HgF_2	26. phosphoric acid	H_3PO_4
2. potassium chloride	KCl	27. lithium permanganate	$LiMnO_4$
3. potassium permanganate	$KMnO_4$	28. iron(III) hydrogen phosphate	$Fe_2(HPO_4)_3$
4. potassium perchlorate	$KClO_4$	29. sodium carbonate	Na_2CO_3
5. zinc oxide	ZnO	30. magnesium hydrogen carbonate	$Mg(HCO_3)_2$
6. barium hydroxide	$Ba(OH)_2$	31. tin(IV) phosphate	$Sn_3(PO_4)_4$
7. ammonium permanganate	NH_4MnO_4	32. nitric acid	HNO_3
8. calcium carbonate	$CaCO_3$	33. zinc chloride	$ZnCl_2$
9. barium phosphate	$Ba_3(PO_4)_2$	34. sodium dihydrogen phosphate	NaH_2PO_4
10. iron(III) oxide	Fe_2O_3	35. mercury(I) chloride	Hg_2Cl
11. cobalt(III) fluoride	CoF_3	36. iron(II) nitrite	$Fe(NO_2)_2$
12. carbonic acid	H_2CO_3	37. copper(II) ammonium phosphate	$CuNH_4PO_4$
13. potassium sulfate	K_2SO_4	38. sodium magnesium phosphate	$NaMgPO_4$
14. sodium hydrogen sulfate	$NaHSO_4$	39. tin(IV) hydrogen carbonate	$Sn(HCO_3)_4$
15. phosphorus pentafluoride	PF_5	40. sodium permanganate	$NaMnO_4$
16. silver oxide	Ag_2O	41. potassium fluoride	KF
17. lead(II) chloride	$PbCl_2$	42. calcium sulfate	$CaSO_4$
18. copper(I) chromate	Cu_2CrO_4	43. hydrochloric acid	HCl
19. calcium perchlorate	$Ca(ClO_4)_2$	44. antimony trichloride	$SbCl_3$
20. acetic acid	$HC_2H_3O_2$	45. tetraarsenic decoxide	As_4O_{10}
21. lithium iodide	LiI	46. ammonium chloride	NH_4Cl
22. aluminum sulfate	$Al_2(SO_4)_3$	47. ammonium nitrate	NH_4NO_3
23. hydrobromic acid	HBr	48. iodine pentafluoride	IF_5
24. mercury(I) hypochlorite	$HgClO$	49. sodium hydrogen carbonate	$NaHCO_3$
25. chromium(III) chloride	$CrCl_3$	50. barium hydroxide	$BaOH$

Inorganic Nomenclature Worksheet 2

Print the name of each of the following compounds on the line next to the formula.

1. FeCl_3	Iron (III) Chloride
2. HF	Hydrofluoric Acid
3. PbSO_4	Lead (II) Sulfate
4. KrF_2	Krypton Difluoride
5. NaCl	Sodium Chloride
6. P_2O_5	Diphosphorus Pentoxide
7. AlBr_3	Aluminum Bromide
8. $\text{Ba}(\text{NO}_3)_2$	Barium Nitrate
9. BrF_5	Bromine Pentafluoride
10. P_4O_6	Tetraphosphorus Hexoxide
11. FePO_4	Iron (III) Phosphate
12. Hg_2SO_4	Mercury (I) Sulfate
13. KH	Potassium Hydride
14. $\text{Co}_2(\text{SO}_3)_3$	Cobalt (III) Sulfite
15. N_2O_3	Dinitrogen Trioxide
16. N_2O	Dinitrogen Monoxide
17. $\text{Fe}(\text{NO}_2)_3$	Iron (III) Nitrite
18. $\text{Sn}_3(\text{PO}_4)_2$	Tin (II) Phosphate
19. H_2O_2	Hydrogen Peroxide
20. $\text{Be}(\text{OH})_2$	Beryllium Hydroxide
21. $\text{Sr}(\text{HCO}_3)_2$	Strontium Hydrogen Carbonate
22. $\text{Sr}(\text{OH})_2$	Strontium Hydroxide
23. P_4S_{10}	Tetraphosphorus Dioxide Decasulfide
24. Hg_2O_2	Mercury (I) Peroxide
25. $\text{Hg}_2(\text{OH})_2$	Mercury (I) Hydroxide

26. NH_4F	Ammonium Fluoride
27. XeF_6	Xenon Hexafluoride
28. $\text{K}_2\text{Cr}_2\text{O}_7$	Potassium Dichromate
29. NH_4OH	Ammonium Hydroxide
30. $(\text{NH}_4)_3\text{PO}_4$	Ammonium Phosphate
31. N_2O_5	Dinitrogen Pentoxide
32. SnCrO_4	Tin (II) Chromate
33. Al_2O_3	Aluminium Oxide
34. CuCO_3	Copper (II) Carbonate
35. ClO_2	Chlorine Dioxide
36. CuS	Copper (II) Sulfide
37. MgI_2	Magnesium Iodide
38. CoCl_3	Cobalt (III) Chloride
39. NaCN	Sodium Cyanide
40. Hg_3N_2	Mercury (II) Nitride
41. BrO_3	Bromine Trioxide
42. SiF_4	Silicon Tetrafluoride
43. Sb_2O_5	Antimony (V) Oxide
44. LiH	Lithium Hydride
45. SF_6	Sulfur Hexafluoride
46. SnI_4	Tin (IV) Iodide
47. KOH	Potassium Hydroxide
48. K_2O	Potassium Oxide
49. H_2SO_4	Sulfuric Acid
50. Li_2O	Lithium Oxide