

**Derived Oxy-acids and salts Nomenclature**

Oxy acids and salts			
Write the chemical formula		Write the chemical name	
1	Potassium chlorate $KClO_3$	26	$KClO_2$ potassium chlorite
2	Sodium perchlorate $NaClO_4$	27	$K_2CO_3$ potassium carbonate
3	Sodium carbonate $Na_2CO_3$	28	$Na_3PO_4$ sodium phosphate
4	Magnesium phosphite $Mg_3(PO_3)_2$	29	$Ag_2O$ silver oxide
5	Sodium nitrate $NaNO_3$	30	$Fe(ClO_3)_2$ iron(II) chlorate
6	Aluminum sulfite $Al_2(SO_3)_3$	31	$KClO_3$ potassium chlorate
7	Ferric sulfate $Fe_2(SO_4)_3$	32	$Ga(BrO_4)_3$ gallium perbromate
8	Copper (I) permanganate $CuMnO_4$	33	$Pt(ClO)_4$ platinum (IV) hypochlorite
9	Iron (III) acetate $Fe(C_2H_3O_2)_3$	34	$(NH_4)_2SO_2$ ammonium hyposulfite
10	Cobalt (III) chlorite $Co(ClO_2)_3$	35	$Zn_3(PO_4)_2$ zinc phosphate
11	Gold (I) phosphate $Au_3PO_4$	36	$KClO$ potassium hypochlorite
12	Ammonium hypophosphite $(NH_4)_3PO_2$	37	$KClO_4$ potassium perchlorate
13	Aluminum silicate $Al_2(SiO_3)_3$	38	$FeSO_3$ iron (II) sulfite
14	Tin (IV) hypochlorite $Sn(ClO)_4$	39	$(NH_4)_2SO_4$ ammonium sulfate
15	Magnesium chlorate $Mg(ClO_3)_2$	40	$Al(NO_3)_3$ aluminum nitrate
16	Mercuric perchlorate $Hg(ClO_4)_2$	41	$Li_2CO_3$ lithium carbonate
17	Magnesium phosphate $Mg_3(PO_4)_2$	42	$Ag_3PO_4$ silver phosphate
18	Sodium phosphite $Na_3PO_3$	43	$Mg(ClO_4)_2$ magnesium perchlorate
19	Ammonium nitrate $NH_4NO_3$	44	$NaClO_2$ sodium chlorite
20	Magnesium sulfite $MgSO_3$	45	$CaSO_3$ calcium sulfite
21	Aurous sulfate $Au_2SO_4$	46	$NH_4NO_2$ ammonium nitrite
22	Aluminum nitrite $Al(NO_2)_3$	47	$ZnCO_3$ zinc carbonate
23	Cuprous chlorite $CuClO_2$	48	$BaSO_4$ barium sulfate
24	Ammonium chlorate $NH_4ClO_3$	49	$Ag_3PO_4$ silver phosphate
25	Cobalt (I) hyposulfite $Co_2SO_2$	50	$K_2CrO_2$ potassium hypochromite

## Nomenclature Worksheet (a mixture of all types)

Write the chemical formula		Write the chemical name	
1	Silver chloride $\text{AgCl}$	26	$\text{HF}$ hydrogen fluoride
2	Gold (I) sulfite $\text{Au}_2\text{SO}_3$	27	$\text{FeCl}_2$ iron (II) chloride
3	Sodium sulfate $\text{Na}_2\text{SO}_4$	28	$\text{Fe}(\text{NO}_3)_3$ iron (III) nitrate
4	Mercury (I) oxide $\text{Hg}_2\text{O}$	29	$\text{CuSO}_4$ copper (II) sulfate
5	Potassium phosphate $\text{K}_3\text{PO}_4$	30	$\text{SO}_3$ sulfur trioxide
6	Manganese (II) chloride $\text{MnCl}_2$	31	$\text{Pb}(\text{ClO}_4)_2$ lead (II) perchlorate
7	Lead (II) perchlorate $\text{Pb}(\text{ClO}_4)_2$	32	$\text{CCl}_4$ carbon tetrachloride
8	Aluminum hyponitrite $\text{Al}(\text{NO})_3$	33	$\text{Ca}(\text{ClO})_2$ calcium hypochlorite
9	Iron (II) phosphate $\text{Fe}_3(\text{PO}_4)_2$	34	$\text{ZnSO}_4$ zinc sulfate
10	Copper (II) sulfate $\text{CuSO}_4$	35	$\text{PbO}_2$ lead (IV) oxide
11	Magnesium carbonite $\text{MgCO}_2$	36	$\text{SiO}_2$ silicon dioxide
12	Zinc bromide $\text{ZnBr}_2$	37	$\text{CaCl}_2$ calcium chloride
13	Antimony (III) sulfide $\text{Sb}_2\text{S}_3$	38	$\text{HgI}$ mercury (I) iodide
14	Carbon monoxide $\text{CO}$	39	$\text{P}_2\text{O}_3$ diphosphorous trioxide
15	Calcium periodate $\text{Ca}(\text{IO}_4)_2$	40	$\text{MgSO}_3$ magnesium sulfite
16	Arsenic (II) iodide $\text{AsI}_2$	41	$\text{SnCl}_4$ tin (IV) chloride
17	Tin (II) carbonate $\text{SnCO}_3$	42	$(\text{NH}_4)_2\text{SO}_3$ ammonium sulfite
18	Magnesium chlorate $\text{Mg}(\text{ClO}_3)_2$	43	$\text{Ba}(\text{OH})_2$ barium hydroxide
19	Silicon dioxide $\text{SiO}_2$	44	$\text{KBrO}_2$ potassium bromite
20	Ammonium chloride $\text{NH}_4\text{Cl}$	45	$\text{AgNO}_3$ silver nitrate
21	Zinc carbonite $\text{ZnCO}_2$	46	$\text{KIO}_2$ potassium iodite
22	Gold (I) hypophosphite $\text{Au}_3\text{PO}_2$	47	$\text{HgCl}_2$ mercury (II) chloride
23	Calcium hydride $\text{CaH}_2$	48	$\text{Fe}(\text{NO}_3)_2$ iron (II) nitrate
24	Ammonium sulfate $(\text{NH}_4)_2\text{SO}_4$	49	$\text{Au}_2\text{SO}_3$ gold (I) sulfite
25	Dinitrogen tetroxide $\text{N}_2\text{O}_4$	50	$\text{K}_2\text{CrO}_4$ potassium chromate