

II. OXY ACIDS					
Write Formulas			Write Names		
1.	chloric acid	HClO_3	9.	HClO_3	chloric acid
2.	phosphoric acid	H_3PO_4	10.	H_3PO_4	phosphoric acid
3.	iodic acid	HIO_3	11.	H_2SO_4	sulphuric acid
4.	nitric acid	HNO_3	12.	HFO_3	fluoric acid
5.	sulfuric acid	H_2SO_4	13.	HBrO_3	bromic acid
6.	bromic acid	HBrO_3	14.	HIO_3	iodic acid
7.	carbonic acid	H_2CO_3	15.	HNO_3	nitric acid
8.	fluoric acid	HFO_3	16.	H_2CO_3	carbonic acid

JJ. OXY-ACID DERIVATIVES					
Write Formulas			Write Names		
1.	nitric acid	HNO_3	26.	H_2CO_3	carbonic acid
2.	nitrous acid	HNO_2	27.	H_2CO_4	percarbonic acid
3.	persulfuric acid	H_2SO_5	28.	HClO	hypochlorous acid
4.	sulfuric acid	H_2NO_4	29.	HClO_4	perchloric acid
5.	pernitric acid	HNO_4	30.	H_2CO	hypocarbonous acid
6.	sulfurous acid	H_2SO_3	31.	H_3PO_2	hypophosphorous acid
7.	hyponitrous acid	HNO	32.	HFO_4	perfluoric acid
8.	carbonous acid	H_2CO_2	33.	HClO_2	chorous acid
9.	hypoiodous acid	HIO	34.	H_3PO_4	perphosphoric acid
10.	hyposulfurous acid	H_2SO_2	35.	HBrO_4	perbromic acid
11.	perphosphoric acid	H_3PO_5	36.	HFO_3	fluoric acid
12.	bromic acid	HBrO_3	37.	HIO_4	periodic acid
13.	bromous acid	HBrO_2	38.	HFO_2	fluorous acid
14.	iodic acid	HIO_3	39.	HFO	hypofluorous acid
15.	hypobromous acid	HBrO	40.	HIO_2	iodous acid
16.	carbonic acid	H_2CO_3	41.	HNO_3	nitric acid
17.	hypochlorous acid	HClO	42.	H_2SO_5	persulfuric acid
18.	hypocarbonous acid	H_2CO_2	43.	HNO_4	pernitric acid
19.	perfluoric acid	HFO_4	44.	HNO	hyponitrous acid
20.	phosphoric acid	H_3PO_4	45.	HIO	hypoiodous acid
21.	fluoric acid	HFO_3	46.	H_3PO_5	perphosphoric acid
22.	hypofluorous acid	HFO	47.	HBrO_3	bromic acid
23.	iodous acid	HIO_2	48.	HBrO	hypobromous acid
24.	periodic acid	HIO_4	49.	H_2SO_3	sulfurous acid

25.	percarbonic acid	H_2CO_5	50.	H_3PO_3	phosphorous acid
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KL. POLYATOMIC ANIONS - salts					
Write Formulas			Write Names		
1.	potassium bromate	KBrO_3	26.	NaClO_3	sodium chlorate
2.	silver iodate	AgIO_3	27.	Li_3PO_4	lithium phosphate
3.	zinc phosphate $\text{Zn}_3(\text{PO}_4)_2$		28.	CaSO_4	calcium sulphate
4.	cupric carbonate	CuCO_3	29.	$\text{B}(\text{FO}_3)_3$	boron fluorate
5.	lead(IV) sulfate	$\text{Pb}(\text{SO}_4)_2$	30.	$\text{Fe}(\text{BrO}_3)_3$	iron(III) bromate
6.	beryllium chlorate	$\text{Be}(\text{ClO}_3)_2$	31.	$\text{Pb}(\text{IO}_3)_4$	lead(IV) iodate
7.	manganous bromate	$\text{Mn}(\text{BrO}_3)_2$	32.	KNO_3	potassium nitrate
8.	ferrous nitrate	$\text{Fe}(\text{NO}_3)_2$	33.	$\text{Sb}_2(\text{SO}_4)_5$	antimony(V) sulfate
9.	tin(IV) iodate	$\text{Sn}(\text{IO}_3)_4$	34.	$\text{Sn}(\text{ClO}_3)_2$	tin(II) chlorate
10.	copper(II) carbonate	CuCO_3	35.	HgSO_4	mercury(II) sulfate
11.	magnesium fluorate	$\text{Mg}(\text{FO}_3)_2$	36.	Ag_2CO_3	silver carbonate
12.	lithium phosphate	Li_3PO_4	37.	$\text{Be}(\text{NO}_3)_2$	beryllium nitrate
13.	aluminium sulfate	$\text{Al}_2(\text{SO}_4)_3$	38.	SnSO_4	tin(II) sulphate
14.	cobalt(II) phosphate	$\text{Co}_3(\text{PO}_4)_2$	39.	Cu_3PO_4	copper(I) phosphate
15.	ferric phosphate	FePO_4	40.	KIO_3	potassium iodate
16.	chromium(III) sulfate	$\text{Cr}_2(\text{SO}_4)_3$	41.	NaNO_3	sodium nitrate
17.	arsenous carbonate	$\text{As}_2(\text{CO}_3)_3$	42.	$\text{Si}(\text{ClO}_3)_4$	silicon chlorate
18.	ammonium nitrate	NH_4NO_3	43.	Ag_3PO_4	silver phosphate
19.	cesium chlorate	CsClO_3	44.	NaFO_3	sodium fluorate
20.	lead(II) phosphate	$\text{Pb}_3(\text{PO}_4)_2$	45.	SrCO_3	strontium carbonate
21.	lithium fluorate	LiFO_3	46.	$\text{Sn}(\text{SO}_4)_2$	tin(IV) sulfate
22.	magnesium bromate	$\text{Mg}(\text{BrO}_3)_2$	47.	$\text{Zn}(\text{BrO}_3)_2$	zinc bromate

23.	mercuric sulfate	HgSO_4	48.	AlPO_4	aluminum phosphate
24.	nickel(III) iodate	$\text{Ni}(\text{IO}_3)_3$	49.	$\text{Sb}(\text{IO}_3)_5$	antimony(V) iodate
25.	phosphorous carbonate		50.	$\text{Ba}(\text{NO}_3)_2$	barium nitrate

LL. DERIVATIVE ANIONS - salts

Write Formulas			Write Names		
1.	ferrous sulfite	FeSO_3	26.	Na_2SO_4	sodium sulfate
2.	nickel(III) carbonate $\text{Ni}_2(\text{CO}_3)_3$		27.	$\text{Fe}_3(\text{PO}_2)_2$	iron(II) hypophosphite
3.	mercuric phosphite	$\text{Hg}_3(\text{PO}_3)_2$	28.	KClO_2 chlorite	potassium
4.	calcium perchlorate	$\text{Ca}(\text{ClO}_4)_2$	29.	AgBrO	silver hypobromite
5.	radium nitrite $\text{Ra}(\text{NO}_3)_2$		30.	NaClO	sodium hypochlorite
6.	cobaltous sulfate	CoSO_4	31.	ZnCO_3 carbonate	zinc
7.	manganese (IV) periodate	$\text{Mn}(\text{IO}_4)_4$	32.	$\text{Ba}(\text{NO}_2)_2$ nitrate	barium
8.	iron(II) hyponitrite	$\text{Fe}(\text{NO})_2$	33.	Li_2SO_3 sulfite	lithium
9.	lithium bromate	LiBrO_3	34.	$\text{Mg}_3(\text{PO}_5)_2$	magnesium perphosphate
10.	cesium iodate	CsIO_2	35.	PbCO_3	lead(II) carbonate
11.	magnesium percarbonate	MgCO_4	36.	$\text{Ca}(\text{ClO}_3)_2$ chlorate	calcium
12.	barium hypophosphite	$\text{Ba}_3(\text{PO}_2)_2$	37.	FePO_4	iron(III) phosphate
13.	manganese(II) nitrite	$\text{Mn}(\text{NO}_2)_2$	38.	$\text{Sn}(\text{SO}_4)_2$	tin(IV) sulfate
14.	tin(IV) sulfite	$\text{Sn}(\text{SO}_3)_2$	39.	AlPO_2	aluminum hypophosphite
15.	magnesium periodate	$\text{Mg}(\text{IO}_4)_2$	40.	$\text{Pb}(\text{IO}_3)_2$	lead(II) iodate

16.	aluminium hyposulfite	$\text{Al}_2(\text{SO}_2)_3$	41.	Cu_3PO_3	copper(I) phosphite
17.	plumbic perphosphate	$\text{Pb}_3(\text{PO}_5)_4$	42.	HgSO_4	mercury(II) sulfate
18.	stannous sulfate	SnSO_4	43.	$\text{Sb}_2(\text{SO}_4)_5$	antimony(V) sulfate
19.	antimonic hyponitrite	$\text{Sb}(\text{NO})_5$	44.	CaCO_3	calcium carbonate
20.	copper(II) chlorate	$\text{Cu}(\text{ClO}_3)_2$	45.	FeCO_2	iron(II) carbonite
21.	aluminum phosphite	AlPO_3	46.	Cs_3PO_5	cesium perphosphate
22.	antimony(III) persulfate	$\text{Sb}_2(\text{SO}_5)_3$	47.	CoSO_2	cobalt(II) hyposulfite
23.	barium hyponitrite	$\text{Ba}(\text{NO})_2$	48.	CuNO_4	copper(I) pernitrate
24.	beryllium carbonate	Be_2CO_3	49.	$\text{Fe}(\text{ClO}_2)_2$	iron(II) chlorite
25.	calcium chlorite	$\text{Ca}(\text{ClO}_2)_2$	50.	$\text{Zn}(\text{IO}_3)_2$	zinc iodate

MN. ACID POLYATOMIC ANIONS - salts					
Write Formulas			Write Names		
1.	chromium(II) monohydrogen hypophosphite	CrHPO_2	26.	$\text{Ba}(\text{HCO}_3)_2$	barium bicarbonate
2.	lithium dihydrogen phosphate	LiH_2PO_4	27.	$\text{Fe}_2(\text{HPO}_4)_3$	iron(III) biphosphate
3.	manganese(II) monohydrogen phosphite	MHPO_3	28.	FeHPO_3	iron(II) biphosphate
4.	tin(IV) hydrogen hypocarbonite	$\text{Sn}(\text{HCO})_4$	29.	$\text{Sn}(\text{HCO}_3)_4$	tin(IV) hydrogen carbonate
5.	magnesium hydrogen sulfate	$\text{Mg}(\text{HSO}_4)_2$	30.	$\text{Si}(\text{HCO}_3)_4$	silicon bicarbonate
6.	copper(II) dihydrogen perphosphate	$\text{Cu}(\text{H}_2\text{PO}_5)_2$	31.	$\text{Ca}(\text{HCO}_2)_2$	calcium bicarbonate
7.	aluminum hydrogen carbonite	$\text{Al}(\text{HCO}_2)_3$	32.	$\text{Fe}(\text{HSO}_4)_3$	iron(III) bisulfate
8.	silver hydrogen percarbonate	AgHCO_4	33.	$\text{Fe}_2(\text{SO}_4)_3$	iron(III) sulfate
9.	zinc dihydrogen phosphite	$\text{Zn}(\text{H}_2\text{PO}_3)_2$	34.	$\text{Sn}(\text{HPO}_2)_2$	tin(IV) monohydrogen hypophosphite
10.	iron(III) hydrogen persulfate	$\text{Fe}(\text{HSO}_5)_3$	35.	$\text{Be}(\text{HCO}_3)_2$	beryllium hydrogen carbonate
11.	barium monohydrogen perphosphate		36.	NaH_2PO_5	sodium dihydrogen perphosphate

		BaHPO ₅		
12.	stannic hydrogen carbonate	Sn(HCO ₃) ₄	37.	LiHSO ₂ lithium hydrogen hyposulfite
13.	manganous hydrogen sulfite	Mn(HSO ₃) ₂	38.	NH ₄ HSO ₃ ammonium bisulfite
14.	rubidium dihydrogen hypophosphite	RbH ₂ PO ₂	39.	Pb(HCO) ₄ lead(IV) hydrogen hypocarbonite
15.	arsenic(V) hydrogen hyposulfite	As(HSO ₂) ₅	40.	KHSO ₅ potassium hydrogen persulfate
16.	sodium bicarbonate	NaHCO ₃	41.	NH ₄ H ₂ PO ₅ ammonium dihydrogen perphosphate
17.	calcium biphosphate	CaHPO ₄	42.	(NH ₄) ₂ HPO ₂ ammonium monohydrogen hypophosphate
18.	ferrous bisulfate	Fe(HSO ₄) ₂	43.	P(HCO ₄) ₃ phosphorus(III) hydrogen percarbonate
19.	lithium bisulfite	LiHSO ₃	44.	Ni(HCO ₂) ₂ nickel(II) hydrogen carbonite
20.	nickel(II) biphosphite	NiHPO ₃	45.	CaHPO ₄ calcium monohydrogen phosphate
21.	strontium bicarbonite	Sr(HCO ₂) ₂	46.	Na ₂ HPO ₄ sodium monohydrogen phosphate
22.	beryllium biphosphite	BeHPO ₃	47.	Sn(HSO ₂) ₂ tin(II) hydrogen hyposulfite
23.	plumbous biphosphate	PbHPO ₄	48.	Sb(HSO ₂) ₅ antimony(V) hydrogen hyposulfite
24.	mercury(I) bisulfite	HgHSO ₃	49.	As(H ₂ PO ₃) ₃ arsenic(III) dihydrogen phosphite
25.	cesium bicarbonite	CsHCO ₂	50.	NH ₄ HCO ₃ ammonium hydrogen carbonate

OO1. MISCELLANEOUS POLYATOMIC IONS					
Write Formulas			Write Names		
1.	sodium hydroxide	NaOH	9.	Al(OH) ₃	aluminium hydroxide
2.	copper(II) hydroxide	Cu(OH) ₂	10.	NH ₄ F	ammonium fluoride
3.	ammonium sulfide (NH ₄) ₂ S		11.	(NH ₄) ₂ O	ammonium oxide
4.	ammonium phosphide (NH ₄) ₃		12.	NH ₄ OH hydroxide	ammonium
5.	stannous hydroxide	Sn(OH) ₂	13.	Zn(OH) ₂	zinc hydroxide
6.	ammonium hydroxide	NH ₄ OH	14.	Pb(OH) ₄	lead(IV) hydroxide
7.	calcium hydroxide	Ca(OH) ₂	15.	Fe(OH) ₂	iron(II) hydroxide
8.	ammonium chloride	NH ₄ Cl	16.	LiOH	lithium hydroxide

OO2. POLYATOMIC IONS - others examples
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Write Formulas			Write Names		
1.	aluminum thiocyanate	$\text{Al}(\text{SCN})_3$	16.	$\text{Sn}(\text{MnO}_4)_4$	tin(IV) permanganate
2.	potassium permanganate	KMnO_4	17.	$\text{Mg}(\text{SCN})_2$	magnesium thiocyanate
3.	ferric acetate	$\text{Fe}(\text{CH}_3\text{CO}_2)_3$	18.	BeCrO_4	beryllium chromate
4.	calcium chromate	CaCrO_4	19.	$\text{Cu}(\text{CH}_3\text{CO}_2)_2$	copper(II) acetate
5.	lead(IV) dichromate	$\text{Pb}(\text{Cr}_2\text{O}_7)_2$	20.	$\text{As}(\text{CN})_3$ cyanide	arsenic(III)
6.	sodium cyanide	NaCN	21.	$\text{Sr}(\text{OCN})_2$ cyanate	strontium
7.	mercuric cyanate	$\text{Hg}(\text{OCN})_2$	22.	LiMnO_4	lithium permanganate
8.	ammonium thiocyanate	NH_4SCN	23.	$\text{Ni}(\text{CH}_3\text{CO}_2)_3$	nickel(III) acetate
9.	zinc permanganate	$\text{Zn}(\text{MnO}_4)_2$	24.	AgSCN	silver thiocyanate
10.	nickelic acetate	$\text{Ni}(\text{CH}_3\text{CO}_2)_3$	25.	FeCrO_4	iron(II) chromate
11.	arsenous chromate	$\text{As}_2(\text{Cr}_2\text{O}_7)_3$	26.	$\text{Si}(\text{Cr}_2\text{O}_7)_2$	silicon dichromate
12.	manganese(II) dichromate MnCr_2O_7		27.	NH_4OCN	ammonium cyanate
13.	potassium cyanide	KCN	28.	$\text{B}(\text{SCN})_3$	boron thiocyanate
14.	phosphorus(V) cyanate	$\text{P}(\text{OCN})_5$	29.	$\text{Ca}(\text{MnO}_4)_2$ permanganate	calcium
15.	ammonium permanganate NH_4MnO_4		30.	NH_4SCN	ammonium thiocyanate

ZZ. FINAL REVIEW

Write Formulas			Write Names		
1.	sodium fluoride	NaF	26.	CaO	calcium oxide
2.	phosphorous oxide	P_2O_3	27.	HgBr	mercury(I) bromide
3.	barium bicarbonate	$\text{Ba}(\text{HCO}_3)_2$	28.	SnBr_2 bromide	tin(II)
4.	nitrogen dioxide	NO_2	29.	SO_2	sulfur

			dioxide
5.	hydrochloric acid	HCl (<i>l</i>)	30. H ₂ S (<i>l</i>) hydrosulfuric acid
6.	chlorine gas	Cl ₂	31. Xe xenon
7.	zinc biphosphite	ZnHPO ₃	32. NH ₄ F ammonium fluoride
8.	ferrous hydroxide	Fe(OH) ₂	33. Sn(OH) ₂ tin(II) hydroxide
9.	chloric acid	HClO ₃	34. CuH ₂ PO ₂ copper(I) dihydrogen hypophosphite
10.	silver nitrate	AgNO ₃	35. Sn(CO ₃) ₂ tin(IV) carbonate
11.	persulfuric acid	H ₂ SO ₅	36. H ₃ PO ₂ hypophosphorous acid
12.	nickel(III) carbonite	Ni ₂ (CO ₂) ₃	37. Pb(HSO ₄) ₂ lead(II) hydrogen sulfate
13.	zinc dihydrogen hypophosphite	Zn(H ₂ PO ₂) ₂	38. Sn(HCO ₄) ₂ tin(II) hydrogen percarbonate
14.	sodium chromate	Na ₂ CrO ₄	39. Zn(MnO ₄) ₂ zinc permanganate
15.	ammonium sulfide (NH ₄) ₂ S		40. HNO ₃ nitric acid
16.	mercury(II) sulfide	HgS	41. LiNO ₂ lithium nitrite
17.	cobaltous bisulfite	Co(HSO ₃) ₂	42. CO ₂ carbon dioxide
18.	ammonium hydroxide	NH ₄ OH	43. Na ₂ CO ₂ sodium carbonite
19.	arsenic(III) hydrogen persulfate	As(HSO ₅) ₃	44. NH ₄ NO ₃ ammonium nitrate
20.	phosphorous periodate	P(IO ₄) ₃	45. ZnCO ₄ zinc percarbonate
21.	nitrous acid	HNO ₂	46. HFO hypoflourous acid
22.	beryllium bromate	Be(BrO ₃) ₂	47. Pb(IO ₃) ₂ lead(II) iodate
23.	iodic acid	HIO ₃	48. H ₂ CO hypocarbonous acid
24.	sulfur dioxide	SO ₂	49. H ₂ O hydrogen oxide
25.	iodine vapour	I ₂ (<i>g</i>)	50. H ₂ S (<i>g</i>) hydrogen sulfide

