

NOMENCLATURE #3 - SCH 3U

Name: _____

Polyvalent Cations, Elemental Anions**Provide Names or Formula:**

1	Fe ₂ O ₃	iron(III) oxide	16	stannous chloride	SnCl ₂
		ferric oxide	17	arsenic chloride	AsCl ₅
2	FeO	iron(II) oxide	18	antimonous oxide	Sb ₂ O ₃
		ferrous oxide	19	lithium chloride	LiCl
3	Au ₂ O ₃	gold(III) oxide	20	gold(III) nitride	AuN
		auric oxide	21	calcium arsenide	Ca ₃ As ₂
4	Hg ₂ O	mercury(I) oxide	22	arsenous chloride	AsCl ₃
		mercurous oxide	23	antimonic oxide	Sb ₂ O ₅
5	CuBr	copper(I) bromide	24	lanthanum fluoride	LaF ₃
		cuprous bromide	25	mercury(I) oxide	Hg ₂ O
6	SnO	tin(II) oxide	26	mercurous sulphide	Hg ₂ S
		stannous oxide	27	osmium(IV) chloride	OsCl ₄
7	PbCl ₂	lead(II) chloride	28	uranium(VI) oxide	UO ₃
		plumbous chloride	29	ferrous nitride	Fe ₃ N ₂
8	Co ₂ S ₃	cobalt(III) sulphide	30	ferric oxide	Fe ₂ O ₃
		cobaltic sulphide	31	cupric oxide	CuO
9	NiCl ₂	nickel(II) chloride	32	zinc oxide	ZnO
		nickelous chloride	33	nickel(III) sulphide	Ni ₂ S ₃
10	CuCl ₂	copper(II) chloride	34	chromium(VI) oxide	CrO ₃
		cupric chloride	35	barium nitride	Ba ₃ N ₂
11	Ag ₃ N	silver nitride	36	bismuth(V) oxide	Bi ₂ O ₅
12	BF ₃	boron fluoride	37	tantalum(V) fluoride	TaF ₅
13	K ₂ S	potassium sulphide	38	cuprous oxide	Cu ₂ O
14	OsF ₈	osmium(VIII) fluoride	39	aurous sulphide	Au ₂ S
15	TiO ₂	titanium(IV) oxide	40	sulphur(VI) oxide	SO ₃