

**NOMENCLATURE #5 - SCH 3U**

Name: \_\_\_\_\_

**Acid Nomenclature:**

1	$\text{HIO}_3(\text{aq})$	iodic acid	21	$\text{HNO}_3(\text{aq})$	nitric acid
2	$\text{HI}(\text{aq})$	hydroiodic acid	22	$\text{HNO}_2(\text{aq})$	nitrous acid
3	$\text{HIO}_3$	hydrogen iodate	23	$\text{H}_3\text{PO}_3(\text{aq})$	phosphorous acid
4	$\text{HI}$	hydrogen iodide	24	$\text{KNO}_2(\text{aq})$	potassium nitrite solution
5	$\text{HClO}_4(\text{aq})$	perchloric acid	25	$\text{HF}$	hydrogen fluoride
6	$\text{KClO}_4$	potassium perchlorate	26	nitrous acid	$\text{HNO}_2(\text{aq})$
7	$\text{H}_3\text{PO}_4(\text{aq})$	phosphoric acid	27	hydrochloric acid	$\text{HCl}(\text{aq})$
8	$\text{H}_2\text{SO}_4(\text{aq})$	sulphuric acid	28	chloric acid	$\text{HClO}_3(\text{aq})$
9	$\text{HBrO}_3(\text{aq})$	bromic acid	29	chlorous acid	$\text{HClO}_2(\text{aq})$
10	$\text{HBr}(\text{aq})$	hydrobromic acid	30	periodic acid	$\text{HIO}_4(\text{aq})$
11	$\text{H}_2\text{O}$	hydrogen oxide	31	hydrogen sulphide	$\text{H}_2\text{S}$
12	$\text{H}_2\text{S}(\text{aq})$	hydrosulphuric acid	32	hydrogen peroxide	$\text{H}_2\text{O}_2$
13	$\text{H}_2\text{S}$	hydrogen sulphide	33	sulphurous acid	$\text{H}_2\text{SO}_3(\text{aq})$
14	$\text{HClO}$	hydrogen hypochlorite	34	carbonic acid	$\text{H}_2\text{CO}_3(\text{aq})$
15	$\text{HClO}_2(\text{aq})$	chlorous acid	35	hydrogen sulphate	$\text{H}_2\text{SO}_4$
16	$\text{HClO}_3(\text{aq})$	chloric acid	36	nitric acid	$\text{HNO}_3(\text{aq})$
17	$\text{HClO}_4(\text{aq})$	perchloric acid	37	sodium phosphate	$\text{Na}_3\text{PO}_4$
18	$\text{Na}_2\text{CO}_3$	sodium carbonate	38	phosphoric acid	$\text{H}_3\text{PO}_4(\text{aq})$
19	$\text{H}_2\text{CO}_3$	hydrogen carbonate	39	hydrosulphuric acid	$\text{H}_2\text{S}(\text{aq})$
20	$\text{H}_2\text{CO}_3(\text{aq})$	carbonic acid	40	bromic acid	$\text{HBrO}_3(\text{aq})$