

WORKSHEET #8 NOMENCLATURE OF ACIDS

hydrogen _____ide becomes hydro_____ic acid

hydrogen_____ite becomes _____ous acid

hydrogen_____ate becomes _____ic acid

#	Acid Formula	Workings	Acid Name
Eg.	$\text{HCl}_{(aq)}$	$\text{H}^+ \text{Cl}^-$ hydrogen chloride	Hydrochloric acid
1	$\text{HBr}_{(aq)}$		
2	$\text{H}_2\text{CO}_{3(aq)}$		
3			Hypochlorous acid
4	$\text{H}_2\text{CrO}_{4(aq)}$		
5			Chlorous acid
6	$\text{H}_2\text{S}_{(aq)}$		
7	$\text{H}_3\text{BO}_{3(aq)}$		
8	$\text{HI}_{(aq)}$		
9			Oxalic acid
10	$\text{HClO}_{4(aq)}$		
11			Nitrous acid
12			Benzoic acid
13	$\text{H}_2\text{SO}_{3(aq)}$		
14			Chloric acid
15	$\text{H}_2\text{S}_2\text{O}_{3(aq)}$		
16			
17			Hydrofluoric acid
18	$\text{HCN}_{(aq)}$		
19			Thiocyanic acid
20			Thiosulphuric acid