

## Nomenclature Worksheet- Acids

Formula	Name of Compound	Name of Acid (aq)
HF	hydrogen fluoride	hydrofluoric acid
HCl	hydrogen chloride	hydrochloric acid
HBr	hydrogen bromide	hydrobromic acid
HI	hydrogen iodide	hydroiodic acid
H <sub>2</sub> S	hydrogen sulfide	hydrosulfuric acid
H <sub>2</sub> Se	hydrogen selenide	hydroselenic acid
HMnO <sub>4</sub>	hydrogen permanganate	permanganic acid
HC <sub>2</sub> H <sub>3</sub> O <sub>2</sub>	hydrogen acetate	acetic acid
HNO <sub>3</sub>	hydrogen nitrate	nitric acid
HNO <sub>2</sub>	hydrogen nitrite	nitrous acid
H <sub>2</sub> CO <sub>3</sub>	hydrogen carbonate	carbonic acid
H <sub>2</sub> C <sub>2</sub> O <sub>4</sub>	hydrogen oxalate	oxalic acid
H <sub>2</sub> SO <sub>4</sub>	hydrogen sulfate	sulfuric acid
H <sub>2</sub> SO <sub>3</sub>	hydrogen sulfite	sulfurous acid
H <sub>3</sub> PO <sub>4</sub>	hydrogen phosphate	phosphoric acid
H <sub>3</sub> PO <sub>3</sub>	hydrogen phosphite	phosphorous acid
H <sub>3</sub> AsO <sub>4</sub>	hydrogen arsenate	arsenic acid
H <sub>3</sub> AsO <sub>3</sub>	hydrogen arsenite	arsenous acid
HClO <sub>4</sub>	hydrogen perchlorate	perchloric acid
HClO <sub>3</sub>	hydrogen chlorate	chloric acid
HClO <sub>2</sub>	hydrogen chlorite	chlorous acid
HClO	hydrogen hypochlorite	hypochlorous acid
HBrO	hydrogen hypobromite	hypobromous acid
HBrO <sub>2</sub>	hydrogen bromite	bromous acid
HBrO <sub>3</sub>	hydrogen bromate	bromic acid
HBrO <sub>4</sub>	hydrogen perbromate	perbromic acid
HIO <sub>3</sub>	hydrogen iodate	iodic acid
HIO	hydrogen hypoiodite	hypoiodous acid
HIO <sub>4</sub>	hydrogen periodate	periodic acid
HIO <sub>2</sub>	hydrogen iodite	iodous acid