

Practice makes Perfect!!

Formula	Binary or Oxoacid?	Name
$\text{HCl}_{(aq)}$	B	hydrochloric acid
$\text{HF}_{(aq)}$	B	hydrofluoric acid
$\text{HI}_{(aq)}$	B	hydroiodic acid
$\text{H}_3\text{P}_{(aq)}$	B	hydrophosphoric acid
$\text{H}_2\text{SO}_4_{(aq)}$	O	sulphuric acid
$\text{H}_3\text{PO}_4_{(aq)}$	O	phosphoric acid
$\text{HNO}_3_{(aq)}$	O	nitric acid
$\text{H}_2\text{CO}_3_{(aq)}$	O	carbonic acid
$\text{H}_2\text{S}_{(aq)}$	B	hydrosulphuric acid
$\text{HClO}_3_{(aq)}$	O	chloric acid

WRITING NAMES – BINARY/OXYACIDS

Formula	Name	Formula	Name
1. $\text{HF}_{(aq)}$	Hydrofluoric Acid	10. $\text{HClO}_{(aq)}$	Hypochlorous Acid
2. $\text{HI}_{(aq)}$	Hydroiodic Acid	11. $\text{HClO}_2_{(aq)}$	chlorous Acid
3. $\text{HCl}_{(aq)}$	Hydrochloric Acid	12. $\text{HClO}_3_{(aq)}$	chloric Acid
4. $\text{HBr}_{(aq)}$	Hydrobromic Acid	13. $\text{HClO}_4_{(aq)}$	Perchloric Acid
5. $\text{H}_2\text{S}_{(aq)}$	Hydrosulfuric Acid	14. $\text{H}_2\text{CO}_3_{(aq)}$	Carbonic Acid
6. $\text{HNO}_3_{(aq)}$	Nitric Acid	15. $\text{H}_2\text{C}_2\text{O}_4_{(aq)}$	Acetic Acid Oxalic acid
7. $\text{HNO}_2_{(aq)}$	Nitrous Acid	16. $\text{H}_3\text{PO}_4_{(aq)}$	phosphoric Acid
8. $\text{H}_2\text{SO}_4_{(aq)}$	sulfuric Acid	17. $\text{H}_3\text{PO}_3_{(aq)}$	phosphorous Acid
9. $\text{H}_2\text{SO}_3_{(aq)}$	sulfurous Acid	18. $\text{H}_2\text{CrO}_4_{(aq)}$	Chromic Acid

WRITING FORMULAS – BINARY/OXYACIDS

Name	Formula	Name	Formula
1. Hydrobromic acid	$\text{HBr}_{(aq)}$	10. Carbonic acid	$\text{H}_2\text{CO}_3_{(aq)}$
2. Hydroiodic acid	$\text{HI}_{(aq)}$	11. Chloric acid	$\text{HClO}_3_{(aq)}$
3. Hydrofluoric acid	$\text{HF}_{(aq)}$	12. Chlorous acid	$\text{HClO}_2_{(aq)}$
4. Hydrochloric acid	$\text{HCl}_{(aq)}$	13. Perchloric acid	$\text{HClO}_4_{(aq)}$
5. Hydrosulfic acid	$\text{H}_2\text{S}_{(aq)}$	14. Hypochlorous acid	$\text{HClO}_{(aq)}$
6. Phosphoric acid	$\text{H}_3\text{PO}_4_{(aq)}$	15. Permanganic acid	$\text{HMnO}_4_{(aq)}$
7. Phosphorous acid	$\text{H}_3\text{PO}_3_{(aq)}$	16. Acetic acid	$\text{HCH}_3\text{COO}_{(aq)}$
8. Sulfuric acid	$\text{H}_2\text{SO}_4_{(aq)}$	17. Nitric acid	$\text{HNO}_3_{(aq)}$
9. Sulfurous acid	$\text{H}_2\text{SO}_3_{(aq)}$	18. Nitrous acid	$\text{HNO}_2_{(aq)}$