

## Naming Acids Worksheet

Write the formula for each of the acids listed below:

Nitric acid	
Hydrocyanic acid	
Chloric acid	
Acetic acid	
Hydrobromic acid	
Sulfurous acid	
Chlorous acid	
Boric acid	
Hydrochloric acid	
Phosphoric acid	
Nitrous acid	
Hydrofluoric acid	
Perchloric acid	
Hydroiodic acid	
Phosphorous acid	
Carbonic acid	
Sulfuric acid	
Formic acid	

Name each of the following acids:

$\text{HClO}_4$	
$\text{HCOOH}$	
$\text{H}_3\text{PO}_4$	
$\text{HCl}_{(\text{aq})}$	
$\text{H}_3\text{BO}_3$	
$\text{H}_2\text{SO}_4$	
$\text{HNO}_2$	
$\text{HI}_{(\text{aq})}$	
$\text{CH}_3\text{COOH}$	
$\text{HF}_{(\text{aq})}$	
$\text{H}_3\text{PO}_3$	
$\text{HCN}_{(\text{aq})}$	
$\text{HClO}_3$	
$\text{H}_2\text{CO}_3$	
$\text{H}_2\text{SO}_3$	
$\text{HClO}_2$	
$\text{HNO}_3$	
$\text{HBr}_{(\text{aq})}$	

Write the formula for each of the acids listed below:

Nitric acid	$\text{HNO}_3$
Hydrocyanic acid	$\text{HCN}_{(\text{aq})}$
Chloric acid	$\text{HClO}_3$
Acetic acid	$\text{CH}_3\text{COOH}$
Hydrobromic acid	$\text{HBr}_{(\text{aq})}$
Sulfurous acid	$\text{H}_2\text{SO}_3$
Chlorous acid	$\text{HClO}_2$
Boric acid	$\text{H}_3\text{BO}_3$
Hydrochloric acid	$\text{HCl}_{(\text{aq})}$
Phosphoric acid	$\text{H}_3\text{PO}_4$
Nitrous acid	$\text{HNO}_2$
Hydrofluoric acid	$\text{HF}_{(\text{aq})}$
Perchloric acid	$\text{HClO}_4$
Hydroiodic acid	$\text{HI}_{(\text{aq})}$
Phosphorous acid	$\text{H}_3\text{PO}_3$
Carbonic acid	$\text{H}_2\text{CO}_3$
Sulfuric acid	$\text{H}_2\text{SO}_4$
Formic acid	$\text{HCOOH}$

Name each of the following acids:

$\text{HClO}_4$	perchloric acid
$\text{HCOOH}$	formic acid
$\text{H}_3\text{PO}_4$	phosphoric acid
$\text{HCl}_{(\text{aq})}$	hydrochloric acid
$\text{H}_3\text{BO}_3$	boric acid
$\text{H}_2\text{SO}_4$	sulfuric acid
$\text{HNO}_2$	nitrous acid
$\text{HI}_{(\text{aq})}$	hydroiodic acid
$\text{CH}_3\text{COOH}$	acetic acid
$\text{HF}_{(\text{aq})}$	hydrofluoric acid
$\text{H}_3\text{PO}_3$	phosphorous acid
$\text{HCN}_{(\text{aq})}$	hydrocyanic acid
$\text{HClO}_3$	chloric acid
$\text{H}_2\text{CO}_3$	carbonic acid
$\text{H}_2\text{SO}_3$	sulfurous acid
$\text{HClO}_2$	chlorous acid
$\text{HNO}_3$	nitric acid
$\text{HBr}_{(\text{aq})}$	hydrobromic acid