

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:

HClO_4	
HCOOH	
H_3PO_4	
$\text{HCl}_{(\text{aq})}$	
H_3BO_3	
H_2SO_4	
HNO_2	
$\text{HI}_{(\text{aq})}$	
CH_3COOH	
$\text{HF}_{(\text{aq})}$	
H_3PO_3	
$\text{HCN}_{(\text{aq})}$	
HClO_3	
H_2CO_3	
H_2SO_3	
HClO_2	
HNO_3	
$\text{HBr}_{(\text{aq})}$	

Write the formula for each of the acids listed below:

Nitric acid	HNO_3
Hydrocyanic acid	$\text{HCN}_{(\text{aq})}$
Chloric acid	HClO_3
Acetic acid	CH_3COOH
Hydrobromic acid	$\text{HBr}_{(\text{aq})}$
Sulfurous acid	H_2SO_3
Chlorous acid	HClO_2
Boric acid	H_3BO_3
Hydrochloric acid	$\text{HCl}_{(\text{aq})}$
Phosphoric acid	H_3PO_4
Nitrous acid	HNO_2
Hydrofluoric acid	$\text{HF}_{(\text{aq})}$
Perchloric acid	HClO_4
Hydroiodic acid	$\text{HI}_{(\text{aq})}$
Phosphorous acid	H_3PO_3
Carbonic acid	H_2CO_3
Sulfuric acid	H_2SO_4
Formic acid	HCOOH

Name each of the following acids:

HClO_4	perchloric acid
HCOOH	formic acid
H_3PO_4	phosphoric acid
$\text{HCl}_{(aq)}$	hydrochloric acid
H_3BO_3	boric acid
H_2SO_4	sulfuric acid
HNO_2	nitrous acid
$\text{HI}_{(aq)}$	hydroiodic acid
CH_3COOH	acetic acid
$\text{HF}_{(aq)}$	hydrofluoric acid
H_3PO_3	phosphorous acid
$\text{HCN}_{(aq)}$	hydrocyanic acid
HClO_3	chloric acid
H_2CO_3	carbonic acid
H_2SO_3	sulfurous acid
HClO_2	chlorous acid
HNO_3	nitric acid
$\text{HBr}_{(aq)}$	hydrobromic acid