

NAMING ACIDS

1. Write the name of the acid from the given chemical formulas.

a) HF _____

b) H_3AsO_4 _____

c) HClO _____

d) $\text{H}_2\text{C}_2\text{O}_4$ _____

e) HI _____

f) H_3P _____

g) HClO_3 _____

h) HFO_2 _____

i) HBrO_4 _____

j) HBrO _____

2. Write the chemical formulas of the given acids.

i. Hydroselenic acid _____

ii. Chlorous acid _____

iii. Hydrocyanic acid _____

iv. Bromic acid _____

v. Perchloric acid _____

vi. Nitrous acid _____

vii. Carbonic acid _____

viii. Formic acid _____

ix. Sulfurous acid _____

x. Hypophosphorous acid _____

NAMING ACIDS

Answers

1. Write the name of the acid from the given chemical formulas.

a) HF	<u>Hydrofluoric acid</u>
b) H_3AsO_4	<u>Arsenic acid</u>
c) HClO	<u>Hypochlorous acid</u>
d) $\text{H}_2\text{C}_2\text{O}_4$	<u>Oxalic acid</u>
e) HI	<u>Hydroiodic acid</u>
f) H_3P	<u>Hydrophosphoric acid</u>
g) HClO_3	<u>Chloric acid</u>
h) HFO_2	<u>Fluorous acid</u>
i) HBrO_4	<u>Perbromic acid</u>
j) HBrO	<u>Hypobromous acid</u>

2. Write the chemical formulas of the given acids.

i. Hydroselenic acid	<u>H_2Se</u>
ii. Chlorous acid	<u>HClO_2</u>
iii. Hydrocyanic acid	<u>HCN</u>
iv. Boric acid	<u>H_3BO_3</u>
v. Perchloric acid	<u>HClO_4</u>
vi. Nitrous acid	<u>HNO_2</u>
vii. Carbonic acid	<u>H_2CO_3</u>
viii. Formic acid	<u>HCOOH</u>
ix. Sulfurous acid	<u>H_2SO_3</u>
x. Hypophosphorous acid	<u>H_3PO_2</u>