

# NAMING ACIDS

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

a) HCl

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b) H<sub>2</sub>S

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c) H<sub>3</sub>PO<sub>3</sub>

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d) H<sub>2</sub>SO<sub>4</sub>

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e) HClO<sub>3</sub>

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f) H<sub>3</sub>PO<sub>4</sub>

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g) HI

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h) H<sub>2</sub>SO<sub>3</sub>

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i) CH<sub>3</sub>COOH

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j) HNO<sub>3</sub>

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2. Write the chemical formulas of the given acids.

i. Carbonic acid

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ii. Chromic acid

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iii. Hydrophosphic Acid

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iv. Hydrobromic acid

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v. Nitrous acid

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vi. Oxalic acid

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vii. Hydroiodic acid

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viii. Hydrofluoric acid

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ix. Chlorous acid

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x. Perchromic acid

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# NAMING ACIDS

## Answers

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

a) HCl	<u>Hydrochloric acid</u>
b) H <sub>2</sub> S	<u>Hydrosulfuric acid</u>
c) H <sub>3</sub> PO <sub>3</sub>	<u>Phosphorous acid</u>
d) H <sub>2</sub> SO <sub>4</sub>	<u>Sulfuric acid</u>
e) HClO <sub>3</sub>	<u>Chloric acid</u>
f) H <sub>3</sub> PO <sub>4</sub>	<u>Phosphoric acid</u>
g) HI	<u>Hydroiodic acid</u>
h) H <sub>2</sub> SO <sub>3</sub>	<u>Sulfurous acid</u>
i) CH <sub>3</sub> COOH	<u>Acetic acid</u>
j) HNO <sub>3</sub>	<u>Nitric acid</u>

2. Write the chemical formulas of the given acids.

i. Carbonic acid	<u>H<sub>2</sub>CO<sub>3</sub></u>
ii. Chromic acid	<u>H<sub>2</sub>CrO<sub>4</sub></u>
iii. Hydrophosphic Acid	<u>H<sub>3</sub>P</u>
iv. Hydrobromic acid	<u>HBr</u>
v. Nitrous acid	<u>HNO<sub>2</sub></u>
vi. Oxalic acid	<u>C<sub>2</sub>H<sub>2</sub>O<sub>4</sub></u>
vii. Hydroiodic acid	<u>HI</u>
viii. Hydrofluoric acid	<u>HF</u>
ix. Chlorous acid	<u>HClO<sub>2</sub></u>
x. Perchromic acid	<u>H<sub>2</sub>CrO<sub>3</sub></u>