

QUESTION 1

Fill in the blanks to complete the sentence.

Write the chemical formula from the chemical name.

hydrobromic acid

HBr



hydrosulfuric acid

H_2S



hydrofluoric acid

HF

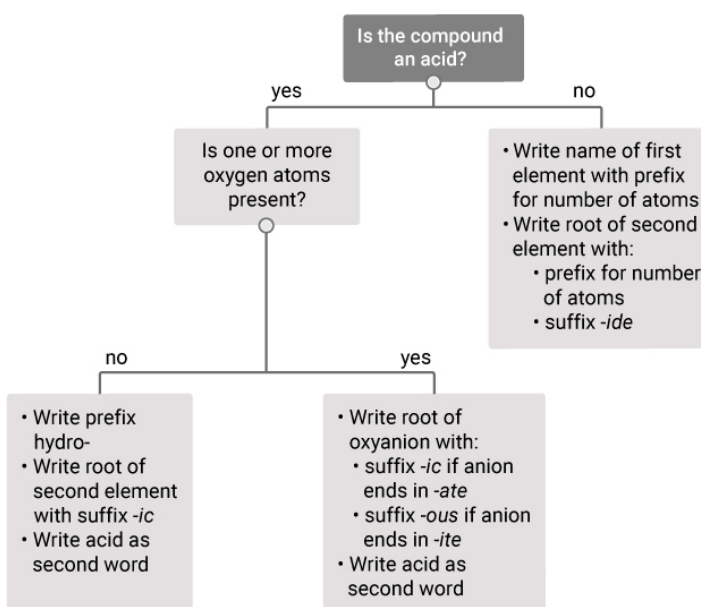


QUESTION 2

Fill in the blanks with the best answers to complete the sentence.

Use the flowchart to determine the chemical name for each chemical formula.

HF



hydrofluoric acid





perchloric acid ✓



dinitrogen tetroxide ✓



nitrous acid ✓

QUESTION 3



Drag and drop the best answer to complete the sentence.

Use the flowchart to determine the chemical name for each chemical formula.



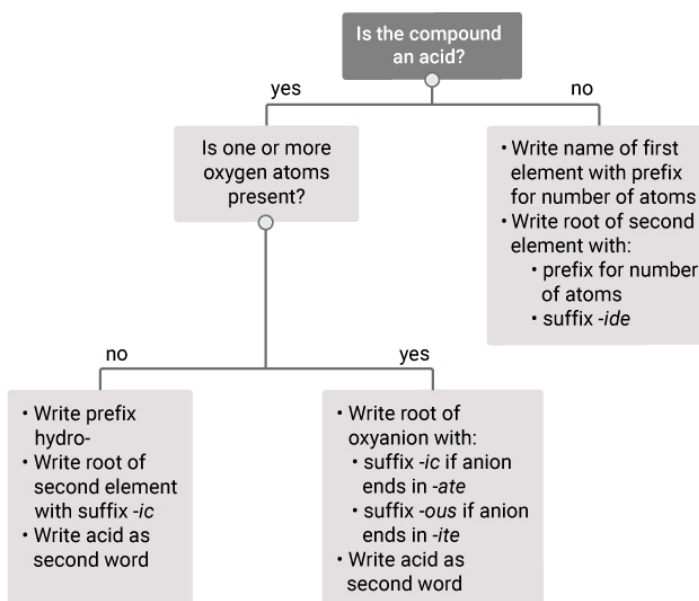
hydrochloric acid ✓



sulfuric acid ✓



nitric acid ✓



chloric acid

sulfurous acid

hydronitric acid

hydrogen chloride

hydrosulfuric acid

QUESTION 4



Drag and drop the best terms to complete the sentences.

When using the flowchart to find the chemical name from a chemical formula, an acid will always contain one or more hydrogen  atoms. Binary acids never contain

oxygen 

atoms, and oxyacids contain a(n)

oxyanion 

hydroxide ion

metal cation

metal ion

nitrogen

bromine

QUESTION 5



Drag and drop the best terms to complete the sentence.

silicon dioxide

SiO_2 

diphosphorus pentoxide

P_2O_5 

iodine heptafluoride

IF₇



P₂O₆

IF₅

SiO

QUESTION 6



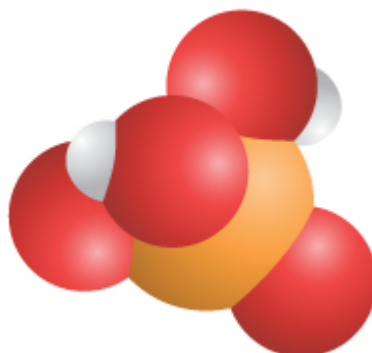
Drag and drop the best terms to complete the sentence.

The chemical formula for sulfuric acid is

H₂



SO₄



SO₂

H

S₂

H₃

S

SO

SO₃

QUESTION 7



Drag and drop the best terms to complete the sentence.

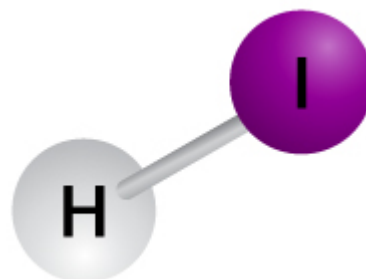
The chemical formula for hydroiodic acid is

H

✓

I

✓



H₂

I₂

OH

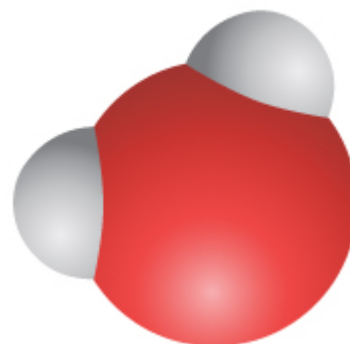
I₂O

QUESTION 8



Select the best answer.

What is the common name for dihydrogen monoxide?



☐ laughing gas

☐ muriatic acid

☒ water



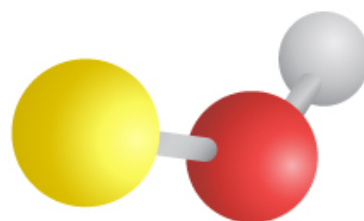
☐ ammonia

QUESTION 9



Select the best answer.

Which is the correct chemical formula for hypochlorous acid?



HClO_3



HClO_4



HClO_2



HClO



QUESTION 10



Select the best answer.

Which of the following is the chemical formula for dinitrogen tetroxide?

