

ACIDS
- a compound that produces hydrogen ions when dissolved in water,
the H is a +1 ion

NONOXYACID
binary acid

→ The first element is hydrogen and the second element is a nonmetal
- therefore the name of the acid begins with "hydro" then the root of the nonmetal and ends with "ic"

OXYACID
contains polyatomic ion

→ The name of the acid begins with the root of the polyatomic ion and...
-if the ion ends with "ate", the acid ends with "ic"
-if the ion ends with "ite" the acid ends with "ous"

Ex.



Hydrochloric acid

Formula

1. HBr

Hydrobromic acid

2. H₂S

Hydrosulfuric acid

3. H₂SO₃

Sulfurous acid

4. HNO₂

Nitrous acid

5. H₃PO₄

Phosphoric acid

6. H₂C₂O₄

oxalic acid

7. HNO₃

nitric acid

8. HCl

hydrochloric acid

9. H₂C₂H₃O₂ or CH₃COOH

acetic acid

10. HF

hydrofluoric acid

