

REMEMBER:

-Normally, acids act as molecular compounds (form covalent bonds) BUT when in water they have ionic characteristics (break apart)







Naming ACIDS:

Step 1- Write the chemical name for the non-hydrogen element.

Step 2- Add the prefix "Hydro" and replace the end of the element with "ic" $% \left({{{\rm{T}}_{{\rm{T}}}} \right) = {{\rm{T}}_{{\rm{T}}}} \right)$

Step 3- Acids always end with the word "acid"

Formulas for ACIDS:

Chemical formulas for acids always begin with at least one ${\ensuremath{\mathsf{H}}}$

Naming BASES:

Step 1- Write the chemical name for the metal.

Step 2- Add the word "hydroxide"

Formulas for BASES:

Chemical formulas for bases will always end with a $\ensuremath{\mathsf{OH}}$