**Naming Acids**

All acids begin with “H”

Check to see if there is an Oxygen in the anion

 If no… use prefix “hydro” and suffix “ic” , then add the word “acid”

 HCl 🡪 hydrochloric acid

 HCN 🡪 hydrocyanic acid

 If yes… do NOT use “hydro” and suffix depends on the polyatomic anion, then add “acid”

 If anion ends in –ate, suffix used is “-ic”

 If anion ends in –ite, suffix used is “-ous”

 HNO3 🡪 nitric acid

 H2SO4 🡪 sulfuric acid

 H2SO3 🡪 sulfurous acid

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| --- | --- |
| Name the following acids:1) H3PO42) H2CO33) H2SO44) HIO35) HF6) HNO2 | Write the formula for these acids:7) hydrobromic acid8) hydrocyanic acid [this has a twist in it]9) nitric acid10) sulfurous acid11) hydrophosphoric acid12) acetic acid |