**Naming Acids**

1. **Binary acids (just hydrogen and 1 other element)**
* Name as hydro\_\_\_\_\_\_\_\_\_\_ic acid
* The “blank” is the first part of the other element’s name
* e.g. HCl = hydro**chlor**ic acid

Name the following binary acids:

HBr

HI

HF

HCl

1. **Oxyacids (acids containing oxygen)**
* Look at the name of the polyatomic ion
* If the ion’s name ends in “ate”, the ending will change to “ic”
* If the ion’s name ends in “ite”, the ending will change to “ous”

e.g. H2SO4 – SO42- = sulphate, so the name is sulphuric acid

* If there is a “hypo” or “hyper” at the beginning of the name, just leave it there

Name the following oxyacids:

H2SO4

H3PO4

H2SO3

HNO3

HClO

HClO4