Name _____

Date _____ Period _____

Naming Acids

- **Binary Acids**
  - prefix HYDRO and suffix IC ACID
  - Example: HCl = *hydro*chlor*ic acid*

- **Oxacids**

oxidation state	polyatomic ion			acid name	
	example	**prefix**	**suffix**	**prefix**	**suffix**
two less than most common	ClO^{-1}	hypo	ite	hypo	ous
one less than most common	ClO_2^{-1}	-	ite	-	ous
most common	ClO_3^{-1}	-	ate	-	ic
one more than most common	ClO_4^{-1}	hyper	ate	per	ic

  - Example: HNO_3 = hydrogen nitr*ate*; $HNO_3(aq)$ = nitr*ic acid*