

**What Happens When Chemicals Are Mixed Together?****NAMING ACIDS**

An ionic compound in which the cation is  $H^+$  is an *acid*.

- Fill in all of the negative ions (anions) in your list.
- Write the formula of the compound formed between  $H^+$  and your anion. This is the formula of the acid.
- Name the acid according to these rules:

“\_\_\_\_\_ide” (no oxygen present!)  “hydro\_\_\_\_\_ic acid”

“\_\_\_\_\_ate”  “\_\_\_\_\_ic acid”

“\_\_\_\_\_ite”  “\_\_\_\_\_ous acid”

Anion	Acid Formula	Acid Name
acetate _____	_____	_____
nitrate _____	_____	_____
permanganate _____	_____	_____
chlorate _____	_____	_____
chromate _____	_____	_____
sulfate _____	_____	_____
carbonate _____	_____	_____
dichromate _____	_____	_____
phosphate _____	_____	_____
nitrite _____	_____	_____
cyanide _____	_____	_____
fluoride _____	_____	_____
bromide _____	_____	_____
sulfite _____	_____	_____
iodide _____	_____	_____
sulfide _____	_____	_____
hypochlorite _____	_____	_____