Nomenclature: Name to formula

Does the name end with "acid"?

— **Y** / Acid →

Does the name start with "hydro-"? (hydro___ic acid)

— **Y** / Binary Acid →

"H" plus element Indicated in name.

— **N** / Oxy Acid →

"H" plus polyatomic ion:

per___ic acid → per___ate
___ic acid → ___ate
___ous acid → ___ite
hypo___ous acid → hypo___ite

→ Add subscript to "H" to balance charges

— **N** →

Does compound have a numeric prefix in it?

— **Y** / Covalent →

Get symbols from periodic table. Add subscripts indicated by the numeric prefixes.

— **N** / Ionic →

Get symbols from periodic table and/or polyatomic ion table. Balance charges using subscripts.