

Nomenclature

names & formulas

Type I Binary Nomenclature

Ionic - H + NM

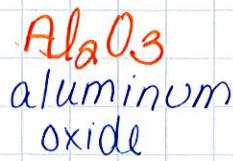
(not transition metals)

2 elements

1UPAC
rules

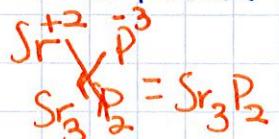
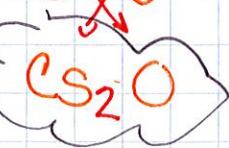
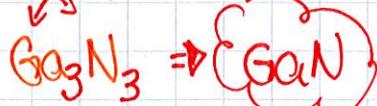
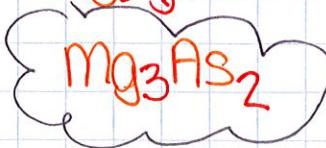
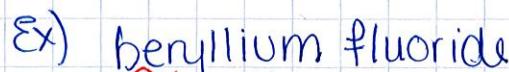
1) Names

- write the name of the metal
- write the name of the nonmetal - change ending to -ide



2) Formulas

- write the symbol & charge of both the metal cation & nonmetal anion
 - criss-cross charges & drop the +/- sign.
- Simplify if necessary



Type I Ionic Tertiary Nomenclature

more than
2 elements
(polyatomic ions)

1) Names

- write the name of the metal
- write the name of the polyatomic ion.

