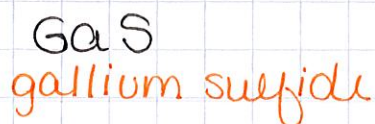
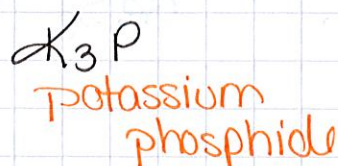
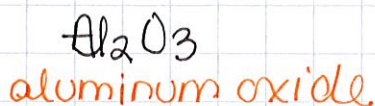
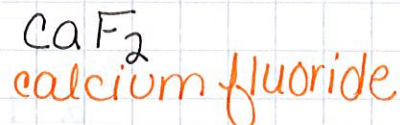


Type I & II Ionic Binary Nomenclature

Type I metal & nonmetal

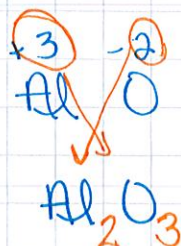
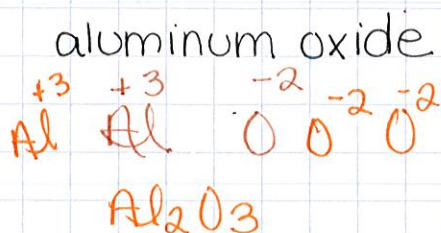
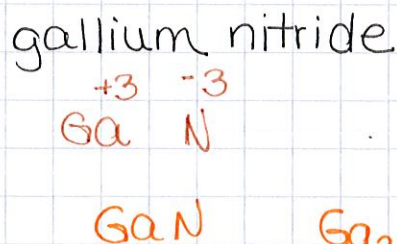
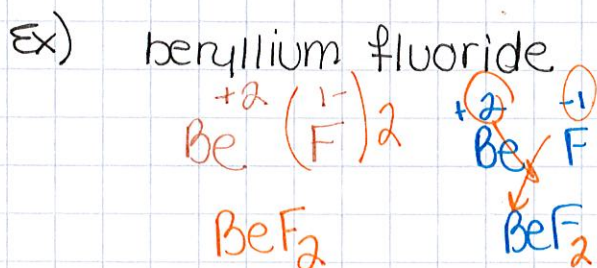
1.) Names

- write the name of the metal cation.
- write the name of the nonmetal anion, & change its ending to -ide



2.) Formulas

- write the symbol & charge of both metal & nonmetals ions.
- ~~add subscripts so that the overall charge adds up to zero.~~
- criss-cross charges & drop the +/- signs. Simplify if you need to.

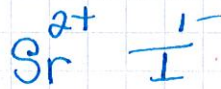


(1)

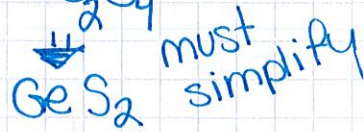
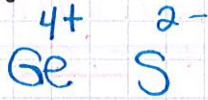
Ex) magnesium arsenide



strontium iodide



~~the~~ germanium sulfide



Type II transition metal & a nonmetal

- ↓ can have more than 1 charge (d-block e- get involved).
• you will be told the charge, it's written as a Roman Numerals

Roman Numerals

1	I	6	VI
2	II	7	VII
3	III	8	VIII
4	IV	9	IX
5	V	10	X

1.) Formulas

- write the symbol & charge of transition metal & nonmetal ions
- criss-cross charges (drop +/- signs) & simplify if necessary.

