

Ionic Compounds Explanation Assignment

Show how to write formulas & names of ionic compounds.

- 1) Write the **formula** for **ONE** of the following compounds. **Show** all the steps required to write the formula like on the worksheets.

DO NOT say “criss-cross” as an explanation.

- iron (III) sulfide

- nickel (III) nitride

- copper (I) oxide

- 2) Show all the steps required to find the **name** for **ONE** of the following compounds like on the worksheets.



Rubric:

① = unclear / several errors

② = complete / mostly correct

③ = thorough / meticulous

	Clarity of explanation (visually & verbally)	Proper Terminology
Formula	① ② ③	① = rarely ② = sometimes ③ = often
Naming	① ② ③	④ = almost always ⑤ = always

Sample terminology:

ie. Cation, anion, subscript, charge, formula, metal, non-metal, transition metal, group number, multivalent, polyatomic, binary....

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