

Name: _____

Date: _____

Notes: Writing Ionic Formulas

Write the steps to determining the formula of an ionic compound below:

1. _____

2. _____

Do you write (+) or (-) signs in the formula of a compound? _____

What does criss-cross mean? _____

For each of the pairs of ions below, write the formula of the compound they will create.



Define **polyatomic ion**: _____

Special rule for polyatomic ions: _____

For each of the pairs of ions below, write the formula of the compound they will create.





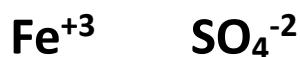
1. Based on the information shown above, what is the formula for barium bromide?

F BaBr

G Ba₂Br

H Ba₂Br₂

J BaBr₂



2. According to the information shown above, what is the chemical formula for iron (III) sulfate?

A FeSO₄

B Fe₃(SO₄)₂

C Fe₂(SO₄)₃

D Fe₆SO₄