

"Crossing Over"

In Order to Write

Write the formula for Iron (III) Chloride

Step 1

Write the ions (with charges!) side by side with the metal ion written first.

Step 2

Draw arrows that cross each other from the superscript of one ion to the subscript of the other.

Step 3

Put the absolute value of the charge at the end of the arrow where the subscripts go.

Step 4

Rewrite the compound without the charges.

Step 5

Erase any "1"s that are there, and reduce the subscripts to lowest terms.

Try one!

Potassium Nitride

Challenge Problem!

Calcium Hydroxide

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