## Chemical Names and Formulas

Combine each of the cations (+ion) in the rows with each anion (-ion) in the columns to create the correct chemical formula.

Also, write the name of the compound produced beneath the formula, in each cell.

|  |  | $\mathrm{Cr}_{2} \mathrm{O}_{7}{ }^{-2}$ | $\mathrm{Cl}^{-1}$ | $\mathrm{CO}_{3}^{-2}$ |
| :---: | :--- | :--- | :--- | :--- |
| $\mathrm{Ba}^{+2}$ |  |  |  | $\mathrm{OH}^{-1}$ |
| $\mathrm{NH}_{4}^{+1}$ |  |  |  |  |
| $\mathrm{Na}^{+1}$ |  |  |  |  |
| $\mathrm{Al}^{+3}$ |  |  |  |  |
| $\mathrm{Fe}^{+3}$ |  |  |  |  |
|  |  |  |  |  |
| $\mathrm{Ca}^{+2}$ |  |  |  |  |

