

NAMING AND WRITING FORMULAS OF IONIC COMPOUNDS

1. Compounds are NEUTRAL! (NO CHARGE)
2. Identify the cation → symbol + charge
3. Identify the anion → symbol + charge
4. Combine cation and anion so that compound is neutral
5. cation is named first, anion second

Example: write the formula for:
calcium dihydrogen phosphite

Identify the cation → *calcium*

(group 2A) → Ca^{2+}

Identify the anion → *dihydrogen phosphite*

(Group 5A) → H_2PO_3^-

