

WRITING FORMULAS (CRISS-CROSS METHOD)

★ The charge from one ion becomes the subscript of the other ion. (creates a neutral compound.)

Write the formulas of the compounds produced from the listed ions.

You can simplify!

	Cl ⁻	CO ₃ ⁻²	OH ⁻	SO ₄ ⁻²	PO ₄ ⁻³	NO ₃ ⁻
Na ⁺	NaCl	Na ₂ CO ₃				
NH ₄ ⁺		(NH ₄) ₂ CO ₃				
K ⁺		K ₂ CO ₃				
Ca ⁺²		Ca ₂ (CO ₃) ₂ ↓ CaCO ₃				
Mg ⁺²						
Zn ⁺²						
Fe ⁺³		Fe ₂ (CO ₃) ₃				
Al ⁺³						
Co ⁺³						
Fe ⁺²						
H ⁺						