

Formulae of common ions

Positive ion (cation)		
hydrogen	H ⁺	
lithium	Li ⁺	Group 1
sodium	Na ⁺	
potassium	K ⁺	
magnesium	Mg ²⁺	
calcium	Ca ²⁺	
barium	Ba ²⁺	
silver	Ag ⁺	Transition metals
iron(II)	Fe ²⁺	
iron(III)	Fe ³⁺	
copper(II)	Cu ²⁺	
zinc	Zn ²⁺	
aluminium	Al ³⁺	Group 3
lead(II)	Pb ²⁺	Group 4
ammonium	NH ₄ ⁺	Polyatomic ion

Negative ion (anion)		
oxide	O ²⁻	Group 16 (6)
sulfide	S ²⁻	
fluoride	F ⁻	Group 17 (7)
chloride	Cl ⁻	
bromide	Br ⁻	
iodide	I ⁻	
nitrate	NO ₃ ⁻	Polyatomic ion
carbonate	CO ₃ ²⁻	
sulfate	SO ₄ ²⁻	

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