

Naming Cations (+ ions)

groups 1, 2, Al (single charge)

Form: Metal Ion

Na^{1+} : Sodium Ion

Al^{3+} : Aluminum Ion

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Roman Numerals

1: I	5: V
2: II	6: VI
3: III	7: VII
4: IV	8: VIII

Naming Cations (+ ions)

groups 3-12 + 13 (In, Tl) + 14 (Sn, Pb)

Form: Metal (^{charge}Roman) Ion

Pb^{2+} : Lead (II) Ion

Pb^{4+} : Lead (IV) Ion

Verbally: Lead "two" or Lead "four"

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Roman Numerals

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Naming Cations (+ ions)

groups 3-12 + 13 (In, Tl) + 14 (Sn, Pb)

Form: Metal (^{charge}_{Roman}) Ion

Nickel (II) Ion
Ni +2

Ni²⁺

Nickel (III) Ion
Ni +3

Ni³⁺

Roman Numerals

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