

Basic Oxidation States

Write the chemical formula and chemical name of the compound indicated from the position in the periodic table.

	O	OH ⁻	OH	SO ₄ ²⁻	PO ₄ ³⁻	NO ₃ ⁻
Na ⁺	Sodium oxide	Sodium hydroxide	Sodium hydroxide	Sodium sulfate	Sodium phosphate	Sodium nitrate
Na ₂ ⁺	Sodium oxide	Sodium hydroxide	Sodium hydroxide	Sodium sulfate	Sodium phosphate	Sodium nitrate
Cl ⁻	Chlorine oxide	Chlorine hydroxide	Chlorine hydroxide	Chlorine sulfate	Chlorine phosphate	Chlorine nitrate
Ca ²⁺	Calcium oxide	Calcium hydroxide	Calcium hydroxide	Calcium sulfate	Calcium phosphate	Calcium nitrate
Mg ²⁺	Magnesium oxide	Magnesium hydroxide	Magnesium hydroxide	Magnesium sulfate	Magnesium phosphate	Magnesium nitrate
Fe ²⁺	Iron oxide	Iron hydroxide	Iron hydroxide	Iron sulfate	Iron phosphate	Iron nitrate
Fe ³⁺	Iron oxide	Iron hydroxide	Iron hydroxide	Iron sulfate	Iron phosphate	Iron nitrate
Al ³⁺	Aluminum oxide	Aluminum hydroxide	Aluminum hydroxide	Aluminum sulfate	Aluminum phosphate	Aluminum nitrate
Cr ³⁺	Chromium oxide	Chromium hydroxide	Chromium hydroxide	Chromium sulfate	Chromium phosphate	Chromium nitrate
Fe ²⁺	Iron oxide	Iron hydroxide	Iron hydroxide	Iron sulfate	Iron phosphate	Iron nitrate
Fe ³⁺	Iron oxide	Iron hydroxide	Iron hydroxide	Iron sulfate	Iron phosphate	Iron nitrate