

**CHM 110
Nomenclature Practice
ANSWERS****Write the chemical formulas of the following compounds.**

sodium chloride	NaCl
magnesium fluoride	MgF₂
iron(III) sulfate	Fe₂(SO₄)₃
titanium(IV) nitride	Ti₃N₄
hydrochloric acid	HCl
ammonium sulfate	(NH₄)₂SO₄
copper(I) chloride	CuCl
lithium carbonate	Li₂CO₃
sulfur dioxide	SO₂
dihydrogen monoxide	H₂O
calcium hydroxide	Ca(OH)₂
diphosphorous pentoxide	P₂O₅
phosphorous trichloride	PCl₃
potassium carbonate	K₂CO₃

nickel(II) nitrate hexahydrate	$\text{Ni}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$
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Write the name of the following compounds

$\text{Cr}(\text{NO}_3)_3 \cdot 9\text{H}_2\text{O}$	chromium(III) nitrate nonahydrate
CaCl_2	calcium chloride
CCl_4	carbon tetrachloride
$\text{Fe}(\text{NO}_3)_3$	iron(III) nitrate
FeF_2	iron(II) fluoride
$\text{CoCl}_2 \cdot 6\text{H}_2\text{O}$	cobalt(II) chloride hexahydrate
BaO	barium oxide
CuS	copper(II) sulfide
NH_4I	ammonium iodide
$\text{Cd}(\text{HCO}_3)_2$	cadmium(II) bicarbonate (or cadmium(II) hydrogen carbonate)