

CHAPTER 1	Binary Molecular Compound Nomenclature and Formulas Quiz Answer Key	BLM 1.0.10A
ANSWER KEY		

### Names and Formulas of Binary Molecular Compounds

$\text{ClF}_3$	<i>chlorine trifluoride</i>
$\text{N}_2\text{F}_4$	<i>dinitrogen tetrafluoride</i>
$\text{Cl}_2\text{O}_5$	dichlorine pentoxide
$\text{H}_2\text{O}_2$	dihydrogen dioxide (hydrogen peroxide)
$\text{N}_2\text{O}$	<i>dinitrogen monoxide</i>
$\text{NH}_3$	<i>nitrogen trihydride (ammonia)</i>
$\text{P}_4\text{O}_{10}$	tetraphosphorus decoxide
$\text{SO}_3$	sulfur trioxide
$\text{CCl}_4$	<i>carbon tetrachloride</i>
$\text{SeF}_6$	<i>selenium hexafluoride</i>
$\text{SiO}_2$	silicon dioxide
$\text{IF}_5$	iodine pentafluoride
$\text{SI}_2$	<i>sulfur diiodide</i>
$\text{SiH}_4$	<i>silicon tetrahydride</i>
$\text{PS}_5$	phosphorus pentasulfide
$\text{BCl}_3$	boron trichloride
$\text{SO}_2$	<i>sulfur dioxide</i>
$\text{NO}_2$	<i>nitrogen dioxide</i>
$\text{Cl}_2\text{O}$	dichlorine monoxide
$\text{XeO}_4$	xenon tetroxide

(Answers appear in italics.)