

**Answers**

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1. Write the names of the following compounds. Use acid names where appropriate. (1 point each)

$P_2S_3$	<b>diphosphorus trisulfide</b>
$Mg(NO_2)_2$	<b>magnesium nitrite</b>
HBrO	<b>hypobromous acid</b>
$Cu_2S$	<b>copper(I) sulfide</b>
$CaCl_2$	<b>calcium chloride</b>
$N_2O_4$	<b>dinitrogen tetraoxide</b>
$V_2O_3$	<b>vanadium(III) oxide</b>
$SnCl_3$	<b>tin(III) chloride</b>
$SiO_2$	<b>silicon dioxide (silicon(IV) oxide ok)</b>
HI	<b>hydroiodic acid</b>

2. Write the correct formula for each of the following compounds: (1 point each)

potassium bromide	<b>KBr</b>
nickel(IV) oxide	<b>NiO<sub>2</sub></b>
sulfur difluoride	<b>SF<sub>2</sub></b>
galium oxide	<b>Ga<sub>2</sub>O<sub>3</sub></b>
nitric acid	<b>HNO<sub>3</sub></b>
iron(II) hydroxide	<b>Fe(OH)<sub>2</sub></b>
periodic acid	<b>HIO<sub>4</sub></b>
sodium iodide	<b>NaI</b>
sulfur hexafluoride	<b>SF<sub>6</sub></b>
titanium(II) sulfate	<b>TiSO<sub>4</sub></b>