

## MIXED REVIEW - CHEMICAL FORMULAS AND NAMES WORKSHEET

NAME: \_\_\_\_\_

Write the correct chemical name for each of the following compounds.

- |                               |                         |                                  |                               |
|-------------------------------|-------------------------|----------------------------------|-------------------------------|
| 1) $\text{CaBr}_2$            | calcium bromide         | 14) $\text{LiI}$                 | lithium iodide                |
| 2) $\text{As}_4\text{O}_{10}$ | tetrasarsenic decoxide  | 15) $\text{BrO}_3$               | bromine trioxide              |
| 3) $\text{K}_2\text{O}$       | potassium oxide         | 16) $\text{BN}$                  | boron mononitride             |
| 4) $\text{SrI}_2$             | strontium iodide        | 17) $\text{N}_2\text{O}_3$       | dinitrogen trioxide           |
| 5) $\text{BF}_3$              | boron trifluoride       | 18) $\text{H}_2\text{SO}_3$ (aq) | sulfurous acid                |
| 6) $\text{SCl}_4$             | sulfur tetrachloride    | 19) $\text{Na}_2\text{CO}_3$     | sodium carbonate              |
| 7) $\text{RbI}$               | rubidium iodide         | 20) $\text{Cs}_2\text{O}$        | cesium oxide                  |
| 8) $\text{CrCl}_3$            | chromium (III) chloride | 21) $\text{PbSO}_4$              | lead (II) sulfate             |
| 9) $\text{MnSO}_4$            | manganese (II) sulfate  | 22) $\text{XeO}_3$               | xenon trioxide                |
| 10) $\text{Mn}_2\text{O}_3$   | manganese (III) oxide   | 23) $\text{Fe}(\text{HCO}_3)_3$  | iron (III) hydrogen carbonate |
| 11) $\text{PF}_3$             | phosphorous trifluoride | 24) $\text{BrCl}_5$              | bromine pentachloride         |
| 12) $\text{AuF}$              | gold (I) fluoride       | 25) $\text{HBr}$ (aq)            | hydrobromic acid              |
| 13) $\text{CrBr}_2$           | chromium (II) bromide   | 26) $\text{CoO}$                 | cobalt (II) oxide             |

Write the correct chemical formula for each of the following compounds.

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|-----------------------------|-------------------------|--------------------------|----------------------------|
| 1) sulfur tetrachloride     | $\text{SCl}_4$          | 13) gold(III) bromide    | $\text{AuBr}_3$            |
| 2) strontium phosphide      | $\text{Sr}_3\text{P}_2$ | 14) dinitrogen trioxide  | $\text{N}_2\text{O}_3$     |
| 3) dinitrogen monoxide      | $\text{N}_2\text{O}$    | 15) barium iodide        | $\text{BaI}_2$             |
| 4) potassium perchlorate    | $\text{KClO}_4$         | 16) nitrogen trifluoride | $\text{NF}_3$              |
| 5) sulfur trioxide          | $\text{SO}_3$           | 17) potassium chloride   | $\text{KCl}$               |
| 6) manganese(II) oxide      | $\text{MnO}$            | 18) xenon trioxide       | $\text{XeO}_3$             |
| 7) chromium(II) chloride    | $\text{CrCl}_2$         | 19) silver phosphate     | $\text{Ag}_3\text{PO}_4$   |
| 8) lead(IV) nitride         | $\text{Pb}_3\text{N}_4$ | 20) cobalt(III) nitrite  | $\text{Co}(\text{NO}_2)_3$ |
| 9) cobalt(III) oxide        | $\text{Co}_2\text{O}_3$ | 21) ammonium sulfate     | $\text{NH}_4\text{SO}_4$   |
| 10) lead(II) chromate       | $\text{PbCrO}_4$        | 22) copper(II) iodide    | $\text{CuI}_2$             |
| 11) dinitrogen pentasulfide | $\text{N}_2\text{S}_5$  | 23) copper(I) sulfite    | $\text{Cu}_2\text{SO}_3$   |
| 12) carbon monoxide         | $\text{CO}$             | 24) mercury(I) sulfide   | $\text{Hg}_2\text{S}$      |