

WRITING BINARY FORMULAS IV

Rule 1 Write the **symbol** for the first element then its numerical **subscript**, write the **symbol** for the second element then its numerical **subscript**.

Rule 2 A subscript of one (1) is not written.

Note: Formulas and names are written in the same order.

Examples: bromine trifluoride is BrF_3
dichlorine heptoxide is Cl_2O_7

You should be able to write formulas for these compounds:

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|--------------------------|---------------------------------|
| a. nitrogen trifluoride | i. tetraphosphorus decoxide |
| b. carbon tetrachloride | j. iodine heptafluoride |
| c. oxygen difluoride | k. sulfur hexafluoride |
| d. tetrasulfur dinitride | l. tetraphosphorus heptasulfide |
| e. chlorine dioxide | m. diboron trioxide |
| f. chlorine fluoride | n. phosphorus pentachloride |
| g. dinitrogen disulfide | o. tetraiodine nonoxide |
| h. trisulfur dibromide | p. silicon dioxide |

Answers are on the other side.