

Chemical Formulas by Name

Chemical compounds can be written as a formula or by compound name. Sometimes prefixes and suffixes in chemical names are clues to the number of atoms a compound contains for each element. Use the prefix key in the word box to help you write the chemical formula for each compound name.

mono = one
tetra = four

di = two
penta = five

tri = three

1 carbon monoxide _____	2 sulfur trioxide _____	3 sodium chloride _____
4 carbon tetrachloride _____	5 potassium hydrogen carbonate _____	6 dinitrogen pentoxide _____
7 carbon dioxide _____	8 phosphorus trichloride _____	9 sodium carbonate _____
10 aluminum iodide _____	11 magnesium bromide _____	12 sodium phosphate _____
13 lithium carbonate _____	14 aluminum chloride _____	15 sodium carbonate _____