

Writing Covalent Formulas Resource

1. Look at the first element, write the symbol for the element.
 - a. If the first name of the compound has a prefix, write the number of the prefix as the subscript. If there is no prefix, then the subscript is 1.
2. Look at the second element. Write the symbol for the element.
 - a. Determine the number of the prefix on the second element and write this number as the subscript.

Number	Greek Prefix	Number	Greek Prefix
1	mono	6	hexa
2	di	7	hepta
3	tri	8	octa
4	tetra	9	nona
5	penta	10	deca

Phosphorus pentachloride PCl_5	Dihydrogen monoxide H_2O	Diantimony trioxide At_2O_3
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Naming Covalent Formulas Resource

- 1.) Name the first non-metal.
 - a. If there is only one atom present, DO NOT use a prefix.
 - b. If there is more than one atom present, then you must use the correct prefix.
- 2.) Name the second non-metal using the correct prefix and change the ending to -ide

CO_2 Carbondioxide	N_2O_5 Di Nitrogen Penta oxide	Cl_2O di chlorine monoxide
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