

Covalent Compounds

non-metals bonded together (from R side of stairs)
 * neutral

Naming Covalent Compds.

- use prefixes to tell how many of each element

1st element: if only 1 atom of 1st element, no prefix needed

2nd element: always a prefix, change ending to "ide"

Prefixes

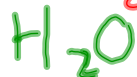
1 atom - mono	CO
2 atoms - di	carbon monoxide
3 atoms - tri	CO ₂
4 atoms - tetra	carbon dioxide
5 - penta	NO ₂
6 - hexa	dinitrogen
7 - hepta	trioxide
8 - octa	
9 - nona	
10 - deca	

Writing Covalent Formulas

Prefix tells you subscript for the element it is with

*****NO CRISS-CROSSING!!!**

dihydrogen monoxide



decacydrogen tetracarbide

