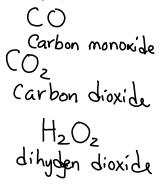
Naming MOLECULAR compounds: **Different Rules!**

H2O

1) Name the first atom in the compound. If more than one atom is present, use the prefix before the atom's name

DON'T USE THE PREFIX MONO- AS THE PREFIX FOR THE FIRST ELEMENT

2) Name the second element with the ide suffix. If one atom is present then use mono-. If more than one atom is present, use the right prefix.



Prefixes are used to indicate the number of atoms in the molecule (and its formula...)

1=mono

2=di

3=tri

4=tetra

5=penta

6=hexa

7=hepta

8=octa

9=nona

10=deca

FORMULA	NAME
CO	carbon monoxide
N ₂ O	dinitrogen monoxide
SO ₃	Subur trioxide
PCI ₅	phorsphorous pertachloride
SF ₆	suttur hexaflouride

FORMULA	NAME
BrCl3	bromine trichloride
BN	boron mononitride
N203	dinitrogen trioxide
SF6	sulfur hexafluoride
XeFy	xenon tetrafluoride

One of the few things you need to memorize for chemistry:

Compounds that exist as **homonuclear diatomic molecules**

Oxygen Ozig) Halogens (group 17) Fz, Clz, Brz Nitrogen Nz Oxygen Oz Hydrogen Hz HNOH₂