Molecular Nomenclature

Non-metals combining with other non-metals

Molecular/Covalent Bonding

- bonding between a non-metal & another non-metal

- electrons are shared between the non-metals (electrons ARE NOT transferred, lost, or gained - just shared)

- try some HOFBrINCl's: compare H_2, O_2, N_2

Greek Prefixes

- differ from ionic naming since prefixes MUST be used to designate the appropriate number of atoms (since molecules have fixed shape = specific number of atoms)

- if there is only one first non-metal atom, do not put the prefix "mono" (CO_2 is carbon dioxide, not monocarbon dioxide)