

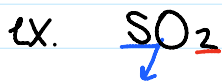
Binary Covalent Compounds

Wednesday, February 22, 2017
1:29 PM

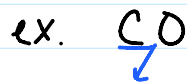
- 2 non-metal elements joined by covalent bonds
- 2nd element ending changes to "ide"
- Use prefixes to give # of atoms

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

Naming:

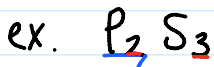


sulfur dioxide

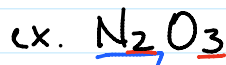


carbon monoxide

↑ don't write 'mono'

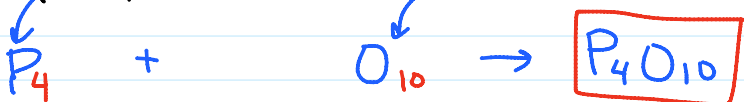
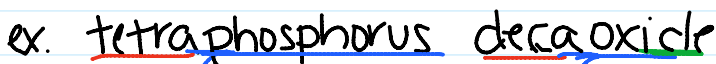
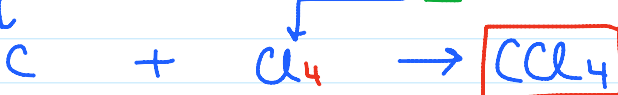
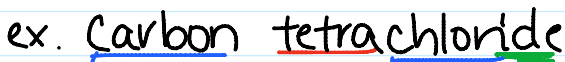
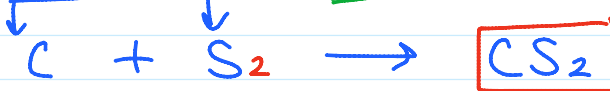
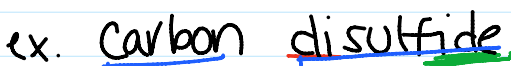


diphosphorus trisulfide



dinitrogen trioxide

Formulas:



do not reduce!!