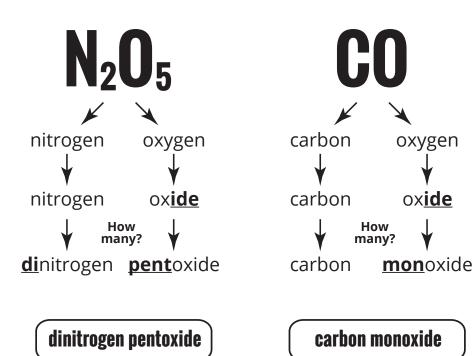
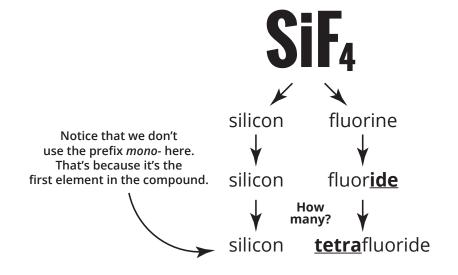
## **Writing Compound Names**

### **Covalent Bonds**

(a bond between two nonmetals)



prefix	number
mono-	1
di-	2
tri-	3
tetra-	4
penta-	5
hexa-	6
septa-	7
octa-	8
nona-	9
deca-	10



If the element starts with a vowel, you may need to drop the o- or a- at the end of your prefix. penta- -> pentoxide → **di**oxide tetra- -> tetroxide **hexa-** → **hex**oxide

silicon tetrafluoride

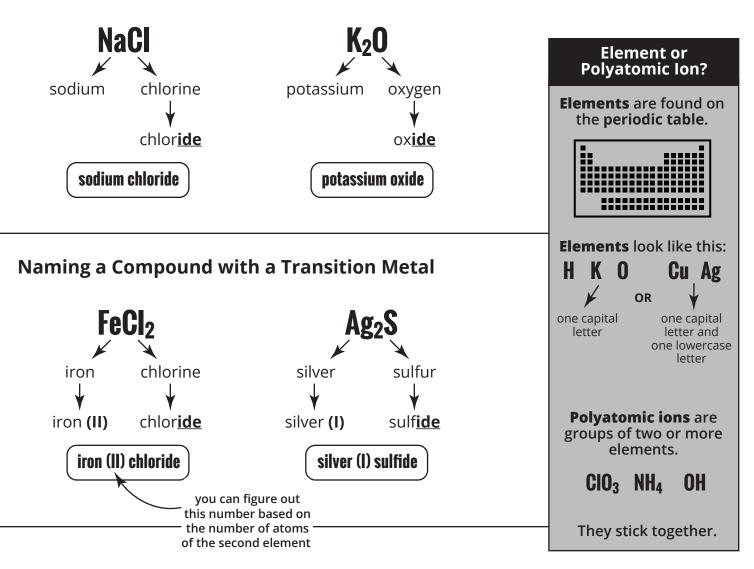
# **Writing Compound Names**

# **lonic Bonds** (a bond between a metal

and a nonmetal)

#### **Naming a Binary Ionic Compound**

(two elements with no transition metals)



### Naming a Compound with a Polyatomic Ion

