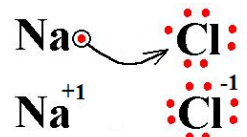


Identify the Type of Bond

Ionic

electrons transferred



cation & anion



(metal) (nonmetal)

☆ magnetic attraction

☆ strongest type of bond

cross charges

cation anion
first second

-ide ending

**always use
empirical formulas**

Transition Metals

use Roman Numerals
Sn & Pb

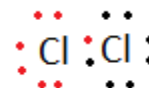
Polyatomic Ions

use parentheses if
cross charge to outside

**NEVER use
prefixes**

Covalent

electrons shared



nonmetal & nonmetal

☆ physically joined

**always use
prefixes**

-ide ending on 2nd element

1. mono **Ⓢ** never on 1st element
2. di
3. tri
4. tetra
5. penta
6. hexa
7. hepta
8. octa
9. nona
10. deca

**NEVER
cross
anything!**

**NEVER
use empirical
formulas unless
asked to**