

Molecules

Chemical reaction = making or breaking molecules

Anabolism = making molecules

+

Catabolism = Breaking molecules

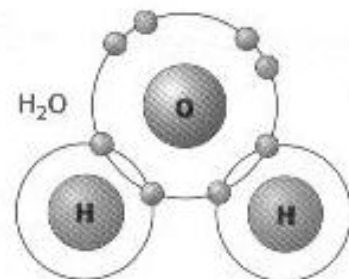
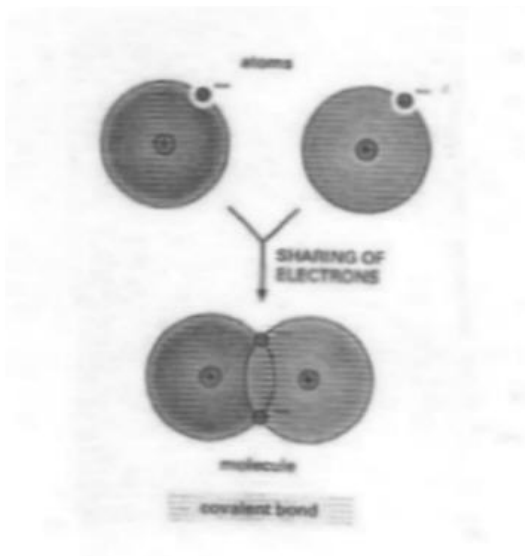
Metabolism = All chemical rxns in organism; making + breaking molecules.

How do atoms stick together to make molecules?

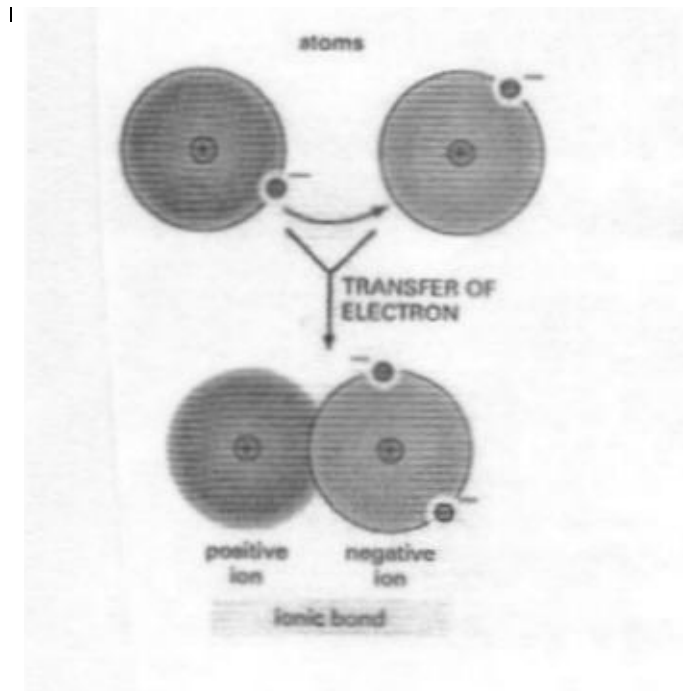
By bonding.

Molecule = A group of atoms covalently bonded.

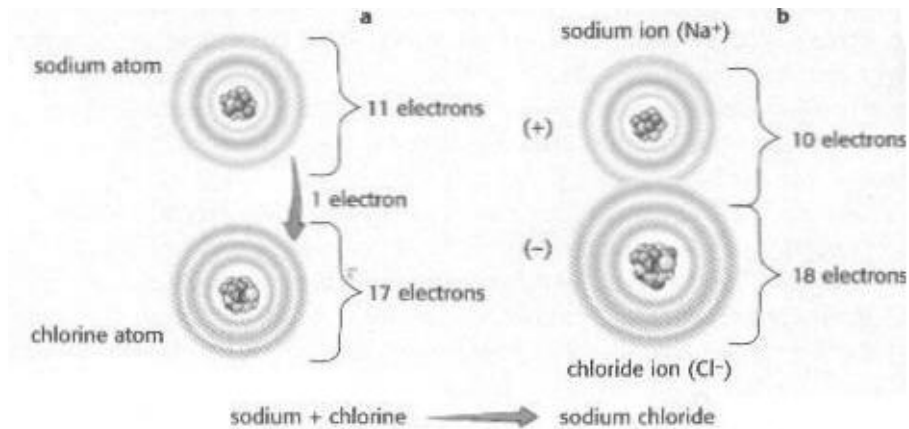
Covalent Bonds = a sharing of electrons



Another Type of Bonding can be found in Ionic Bonds



Ionic Bonds = transfer electrons between atoms



Ion = an atom that has gained or lost an electron.
or transferring their electrons; or an attraction between (+) and(-) charges.