

FORMULA BONDING AND NOMENCLATURE

BONDING: is the process where atoms combine to form a molecules

BOND: is a force of attraction that holds atoms together to form molecules

The stable structure can be formed by either;

- Gain of electrons
- Loss of electrons
- Sharing of electrons

TYPES OF BONDING

There are two types of bonding;

I. ELECTROVALENT BONDING

Is the type of bonding where atoms gain or loss one or more electrons and stable inert configuration is attained.

Or

Is the type of bonding which involves the transfer of electrons from one atom to another where both atoms acquire the stable structure.

STRUCTURE OF NOBLE GASES

Example:

- Sodium, chlorine NaCl

Electronic configuration NaCl

2:8:1 sodium

2:8:7 chlorine

- A sodium is one electron more than neon 2:8 and chlorine is one electron less to argon 2:8:8