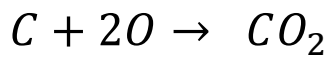


# C11 - 1.3 - Covalent Bonding Share Electrons Notes

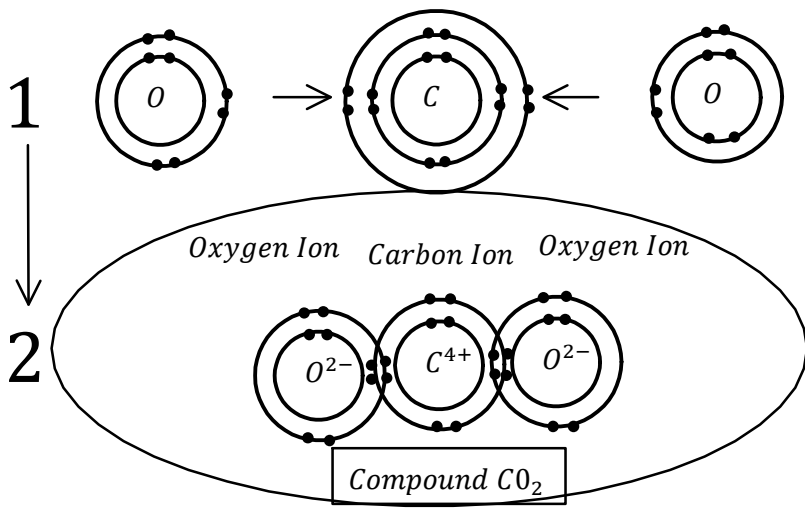
Carbon and oxygen react to produce carbon dioxide.



Oxygen Atom

Carbon Atom

Oxygen Atom

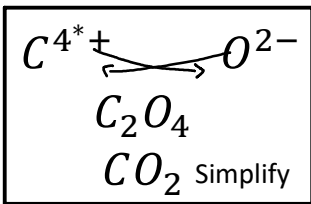
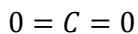


1

2

Oxygen Ion Carbon Ion Oxygen Ion

Compound  $CO_2$



Not always!

Unreacted

Oxygen atoms bond with carbon atom by sharing electrons

Reacted

Full outermost shells!

Two Hydrogen atoms form Diatomic



Two Oxygen atoms form Diatomic

