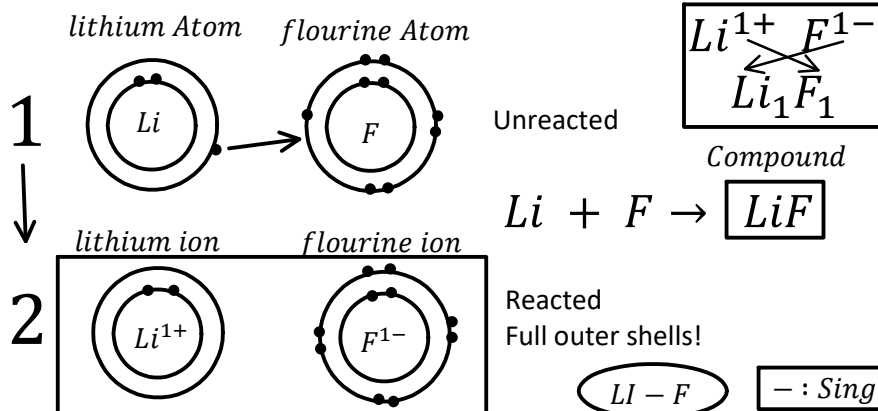


C11 - 1.2 - Ionic/Covalent Bonding Notes

lithium and fluorine react to produce lithium fluoride.



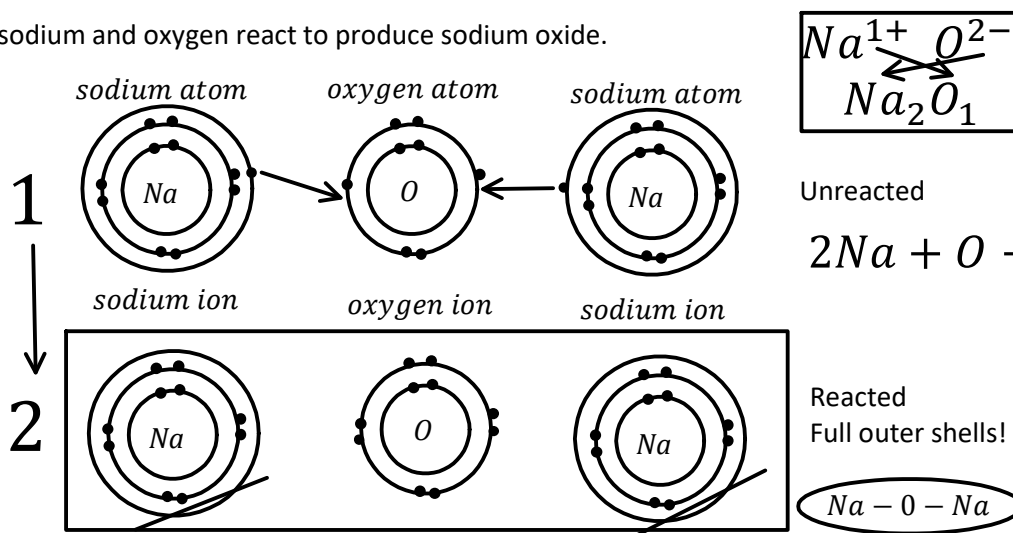
Ionic - Transfer Electrons
Covalent - Share Electrons

lithium transfers its outermost electron to fluorine's outermost shell.

lithium gives up an electron giving it a charge of +1.

fluorine accepts an electron giving it a charge of -1.

sodium and oxygen react to produce sodium oxide.

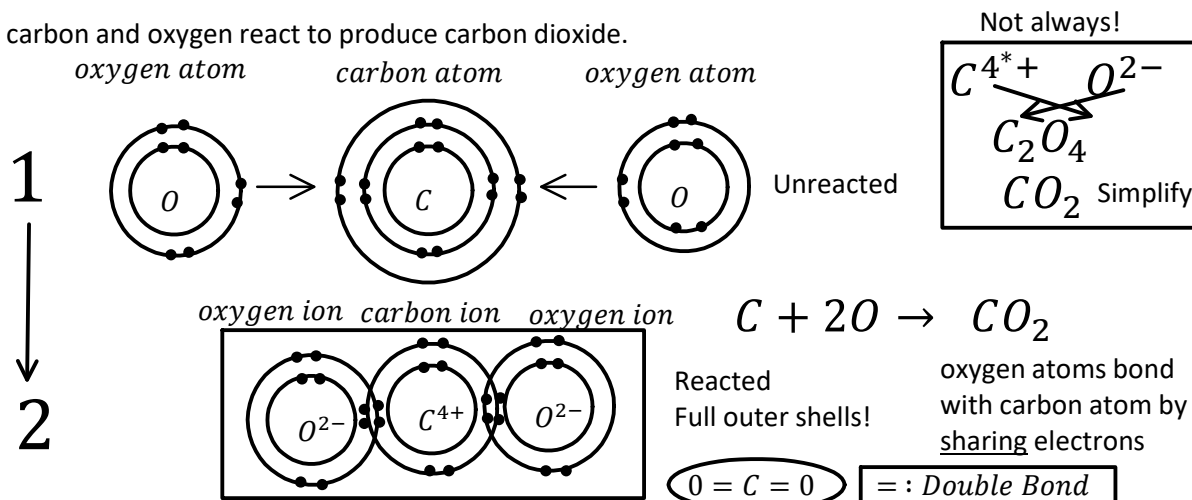


sodium atoms transfer outermost electron to oxygen atom outermost shell.

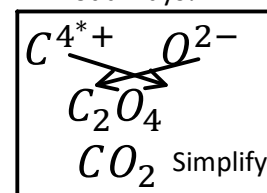
Each sodium gives up an electron giving it a charge of +1.

oxygen accepts two electrons giving it a charge of -2.

carbon and oxygen react to produce carbon dioxide.

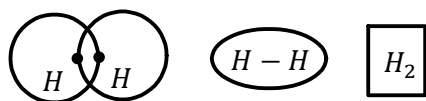


Not always!



oxygen atoms bond with carbon atom by sharing electrons

Two hydrogen atoms form a Diatomic bond



Two oxygen atoms form a Diatomic bond

