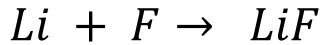


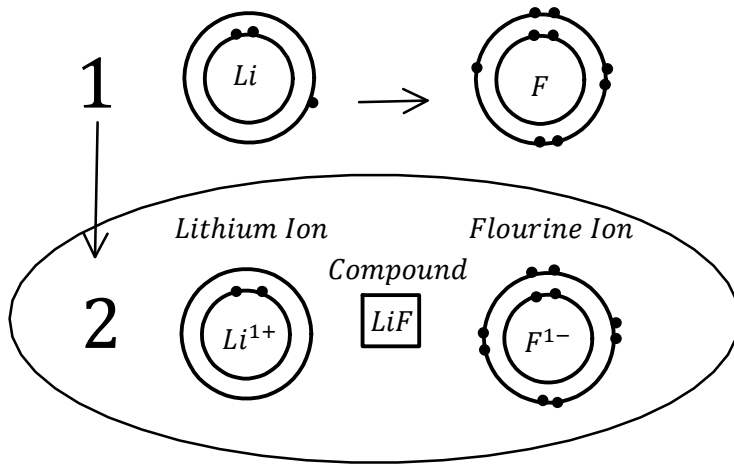
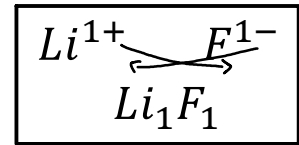
C11 - 1.2 - Ionic Bonding 1:1 Transfer Electrons Notes

Lithium and fluorine react to produce lithium fluoride.



Lithium Atom

Flourine Atom



Unreacted

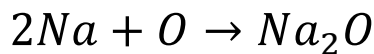
Lithium transfers its outermost electron to Fluorine's outermost shell.

Reacted
Full outermost shells!

Lithium gives up an electron giving it a charge of +1

Fluorine accepts an electron giving it a charge of -1

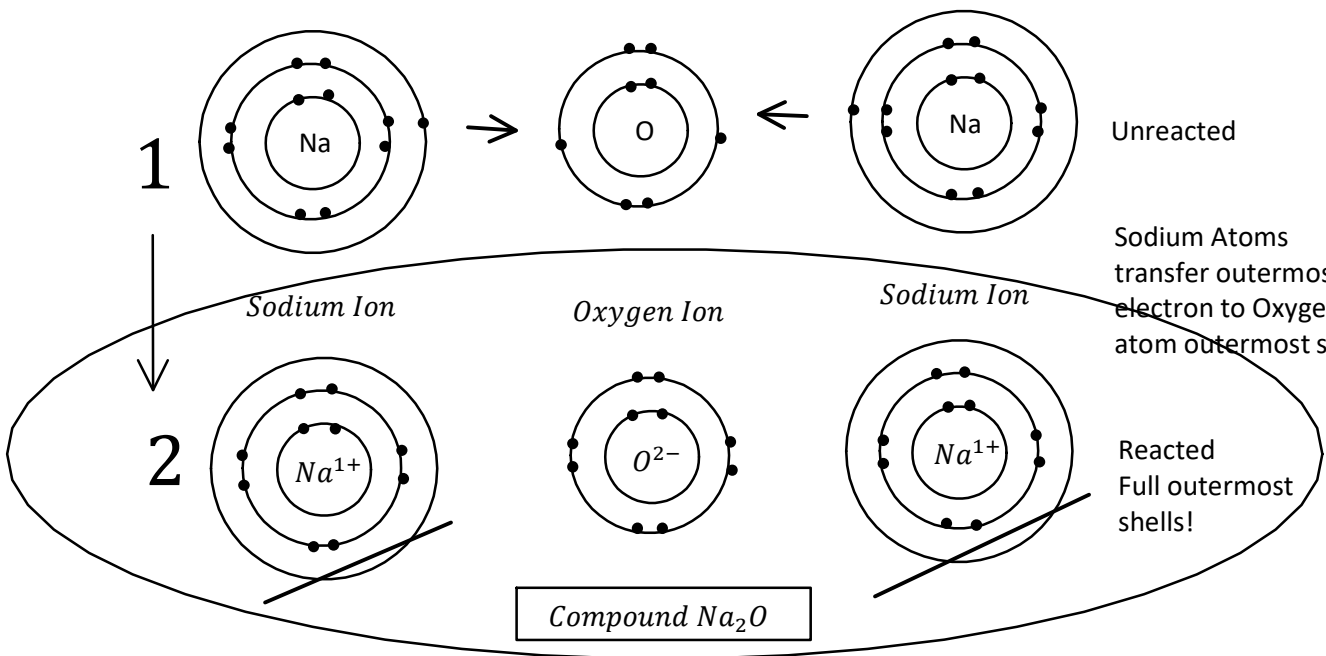
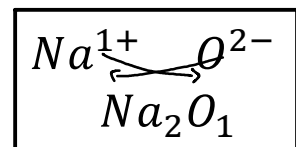
Sodium and oxygen react to produce sodium oxide.



Sodium Atom

Oxygen Atom

Sodium Atom



Unreacted

Sodium Atoms transfer outermost electron to Oxygen atom outermost shell

Reacted
Full outermost shells!

Sodium gives up an electron giving it a charge of +1

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