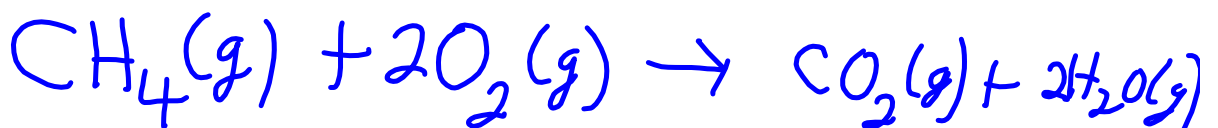


REACTION TYPES

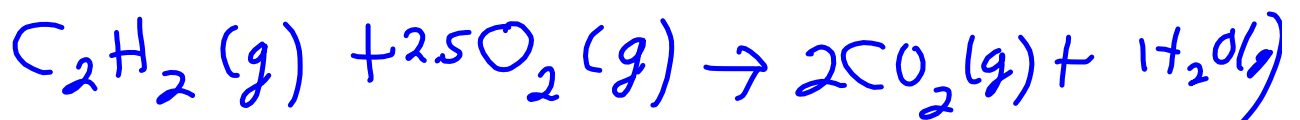
5. Combustion

Reaction of a CH or CHO compound with O_2 to produce $CO_2(g)$ and $H_2O(g)$

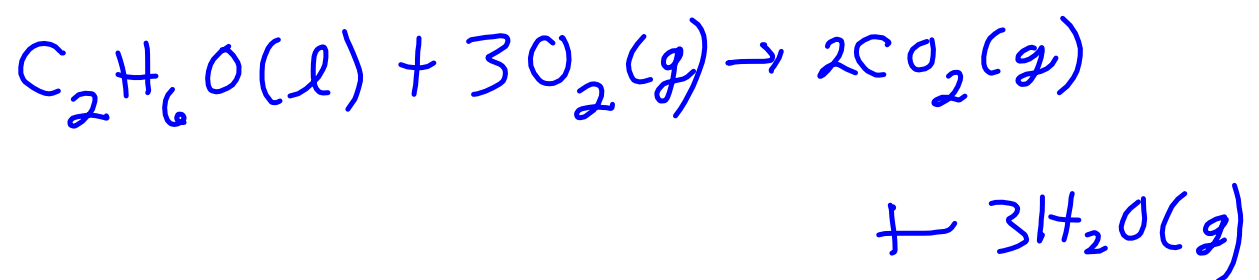
Methane + oxygen \rightarrow Carbon dioxide + water



Acetylene + oxygen \rightarrow Carbon dioxide + water

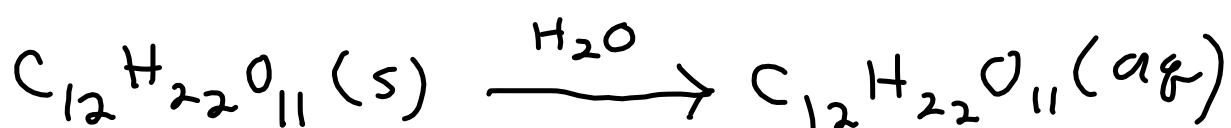


C_2H_5OH ethyl alcohol



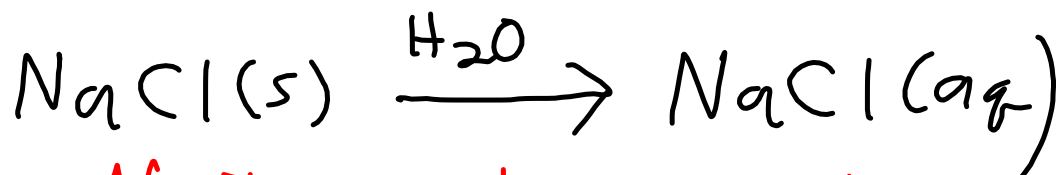
DISSOLVING COMPOUNDS IN WATER

Molecular compound:

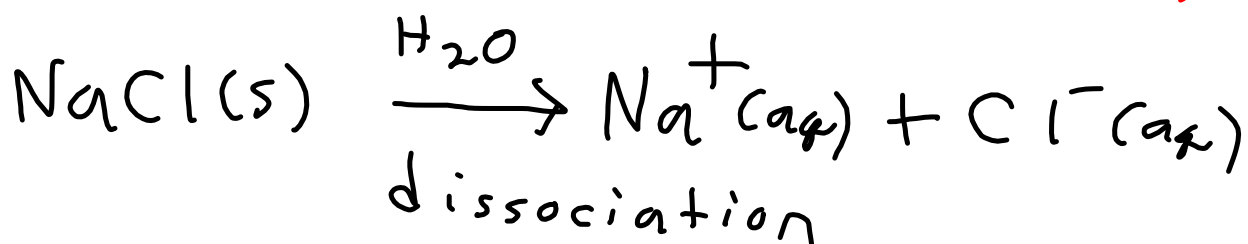


Ionic Compound:

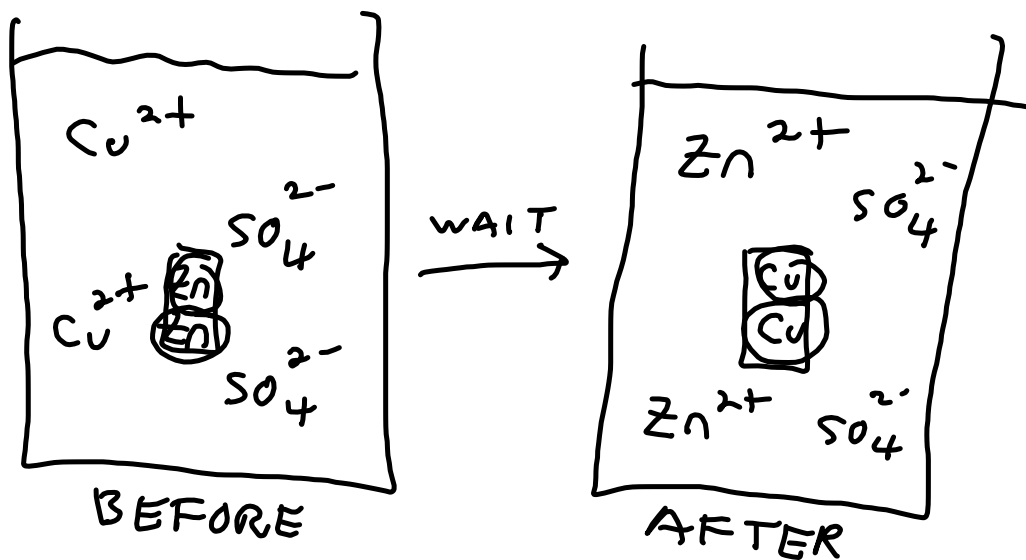
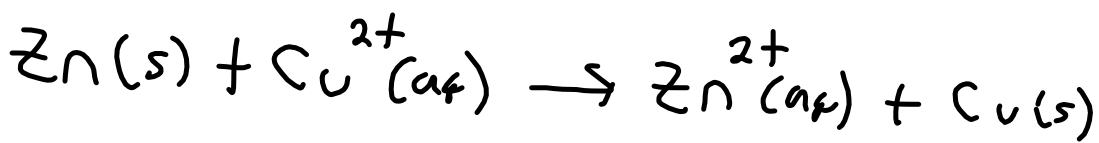
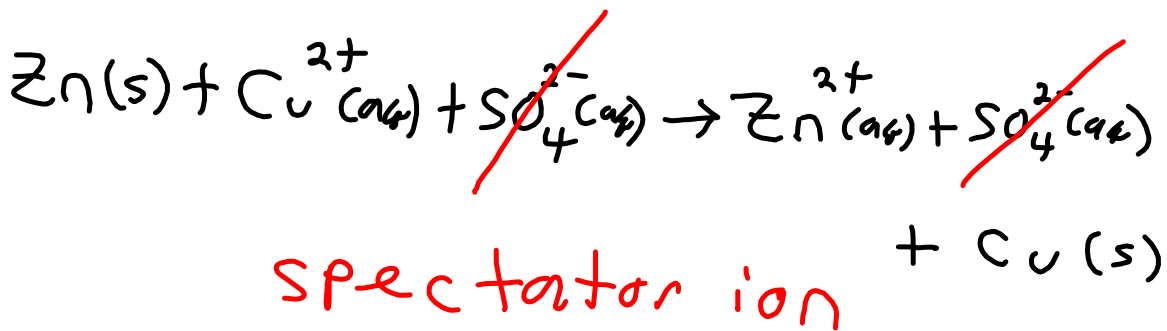
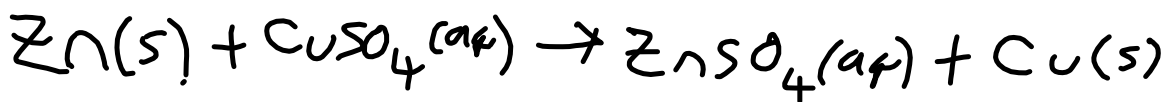
You might be tempted to
write

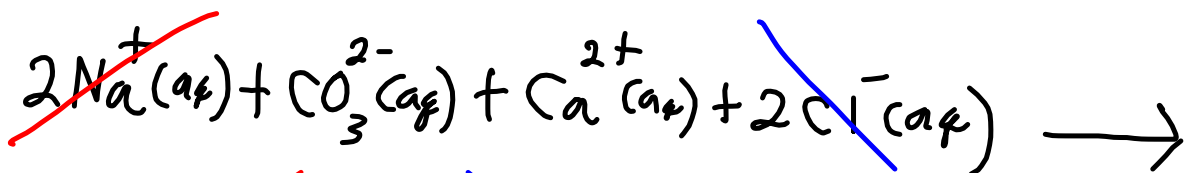
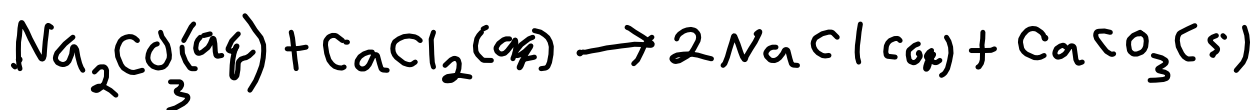


NOT what really happens!

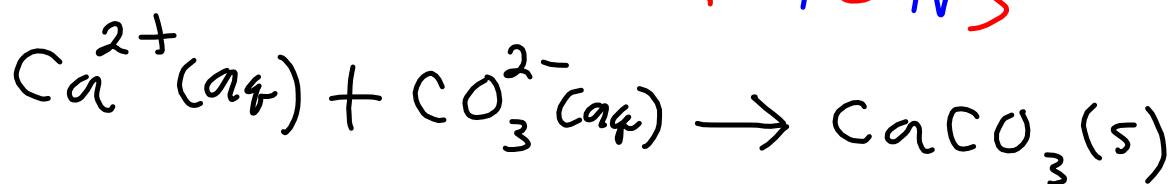


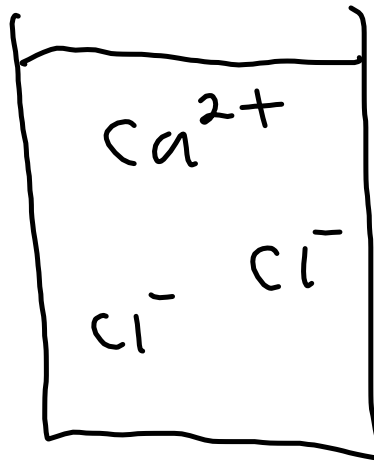
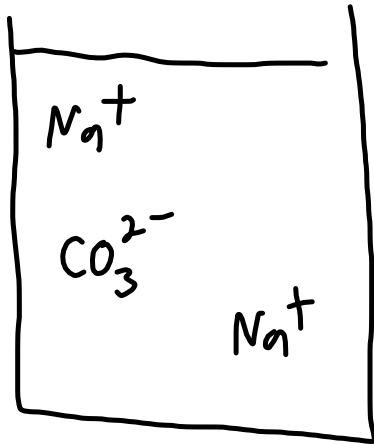
What REALLY happens



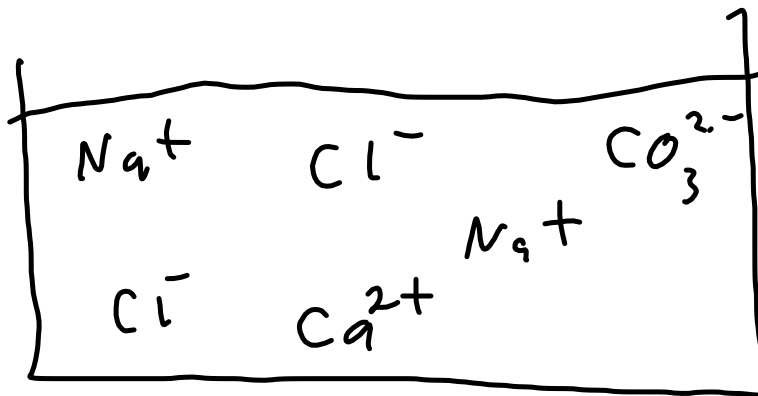


SPECTATOR IONS





MIX



UNSTABLE

