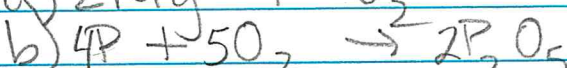
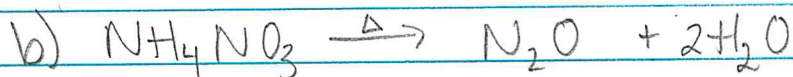
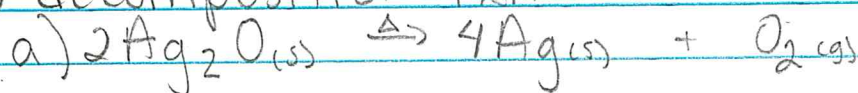


pg 347-348 # 45, 47-57, 61 * 58-60, 63-66

45) combination rxns

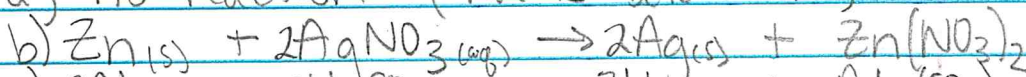


47) decomposition rxns

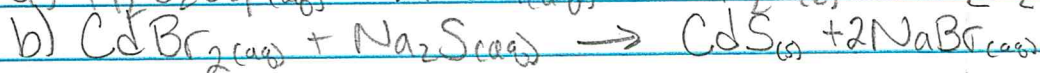
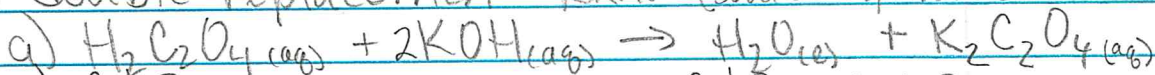


Single replacement rxns

48) a) no reaction (Au is below K)

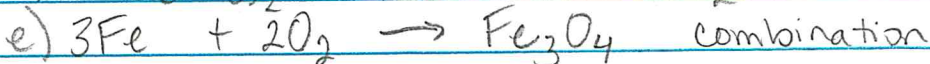
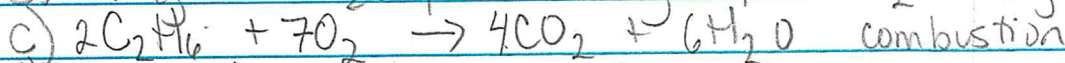
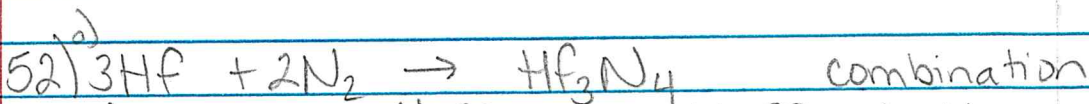
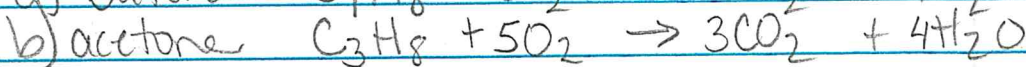
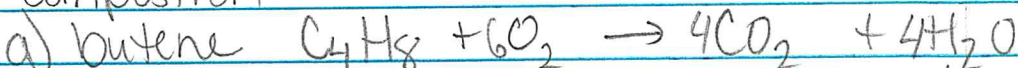


49) double replacement rxns (solubility chart)



50) hydrocarbons and oxygen!

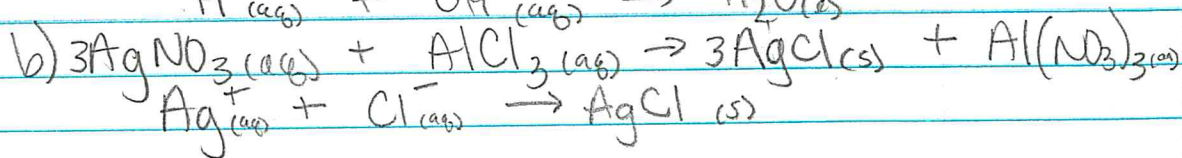
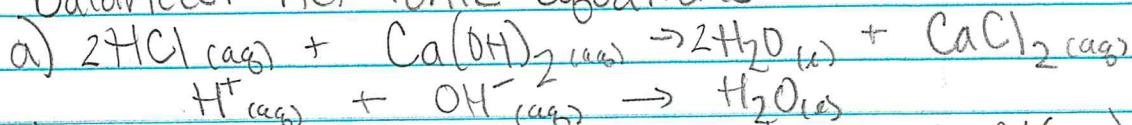
51) combustion



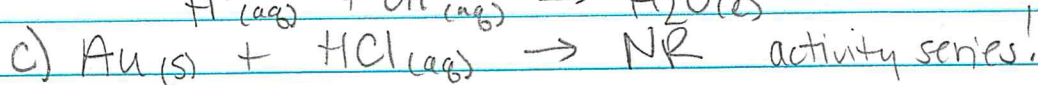
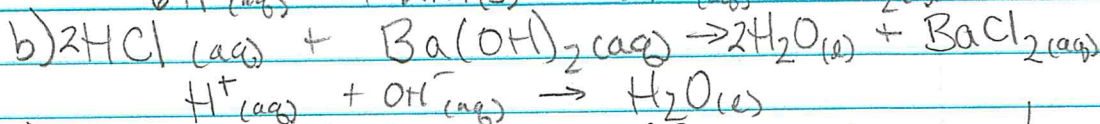
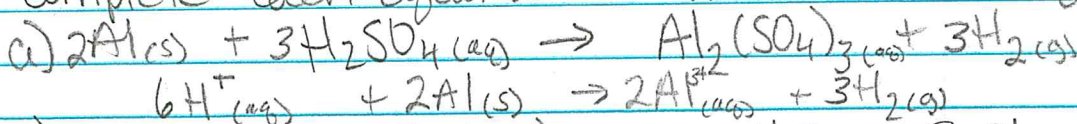
Spectator

53) Spectator ions do not participate in the reaction (aqueous on both sides of the equation)

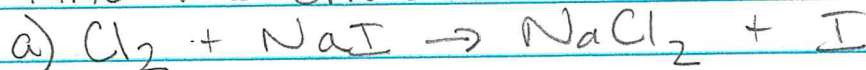
54) balanced net ionic equations



55) complete each equation + write net ionic eq.



56) Find the errors

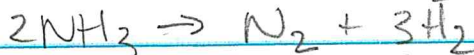


↑ should be
NaCl

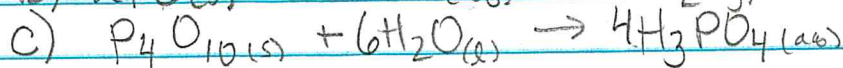
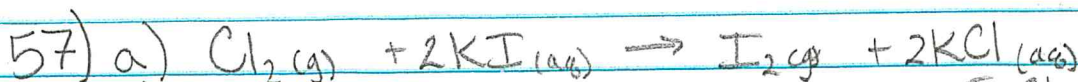
↖ BrINClHOF
with I₂



BrINClHOF! N₂ H₂!



Na₂O Na⁺ O²⁻

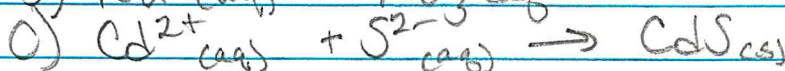
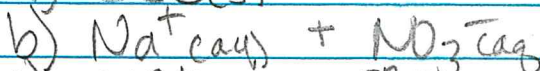
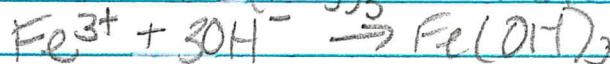
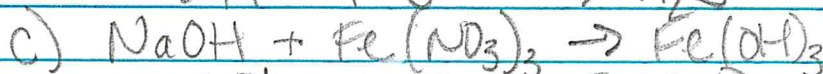
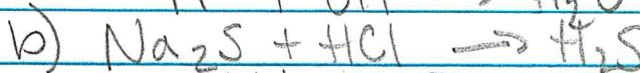
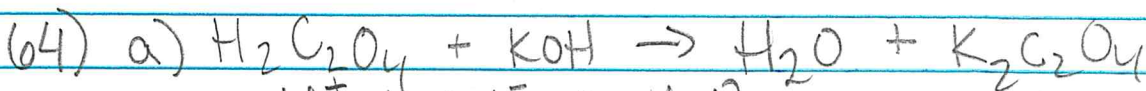
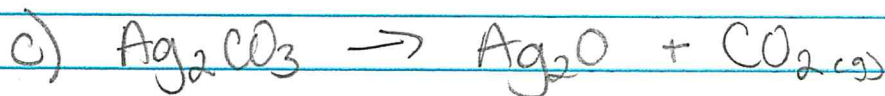
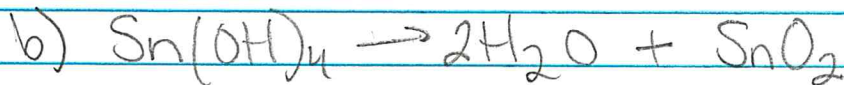
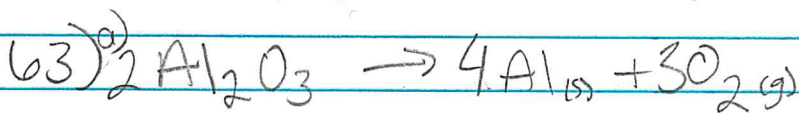
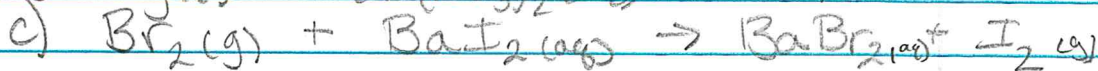
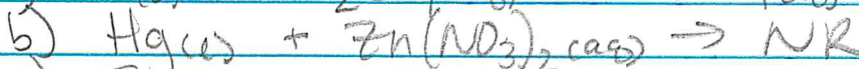
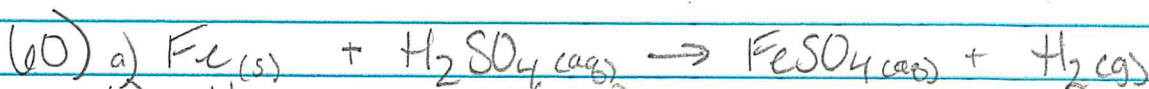
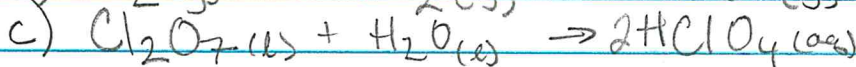
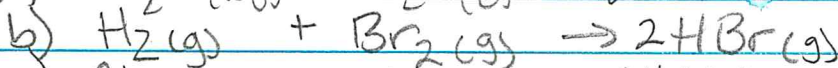
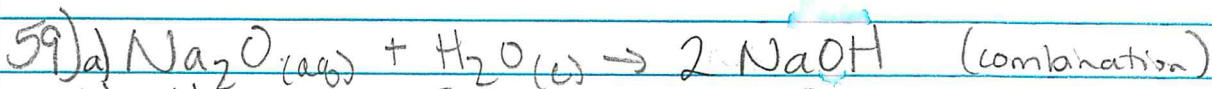
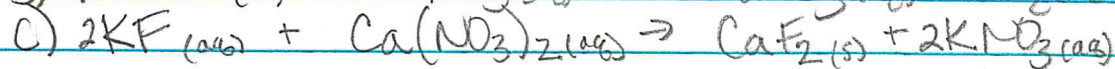
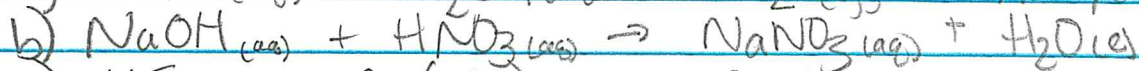
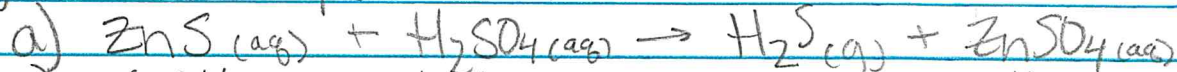


*58⁶⁰, 63, 64, 65, 66

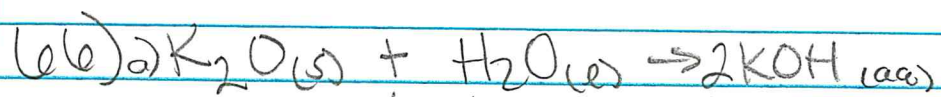
61) a) tube A has Sodium metal



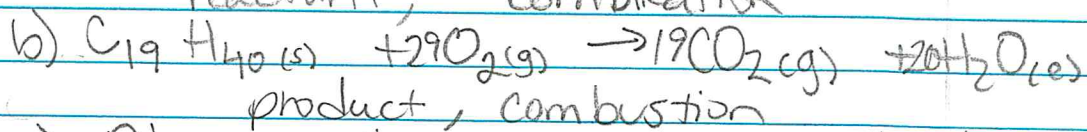
*58) double replacement rxns



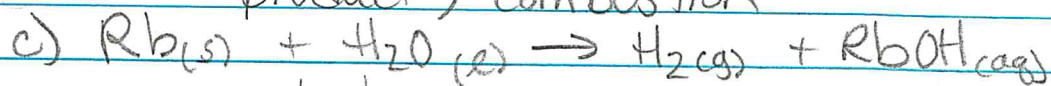
INFER



reactant, combination



product, combustion



reactant, single replacement