

Review - skeleton equations

Liquid tri carbon octahydride burns with oxygen gas to produce water vapor and carbon dioxide gas.



Solid lithium hydroxide reacts with iron (III) chloride solution to create a solution of lithium chloride and a precipitate of iron (III) hydroxide



Law of Conservation of Mass

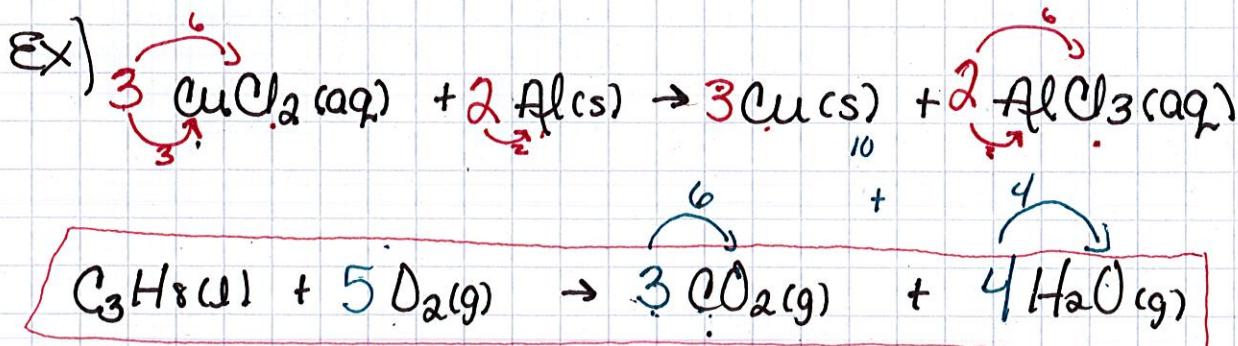
Mass cannot be created or destroyed during a chemical reaction (it's just rearranged)

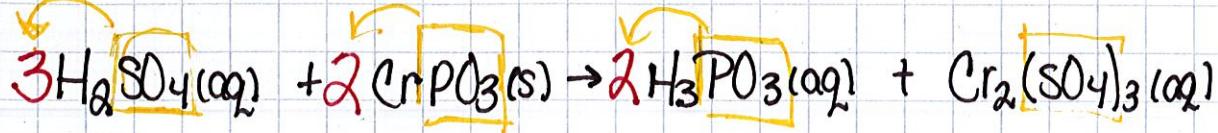
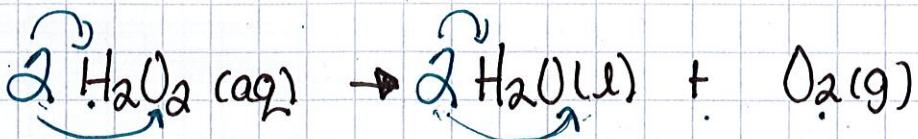
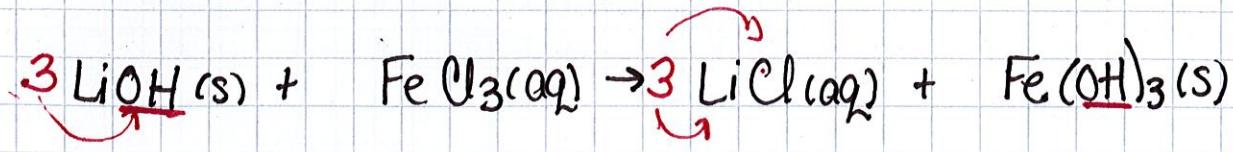
* You must have the same # of atoms/ions of each element on BOTH sides of the equation

Balancing equations

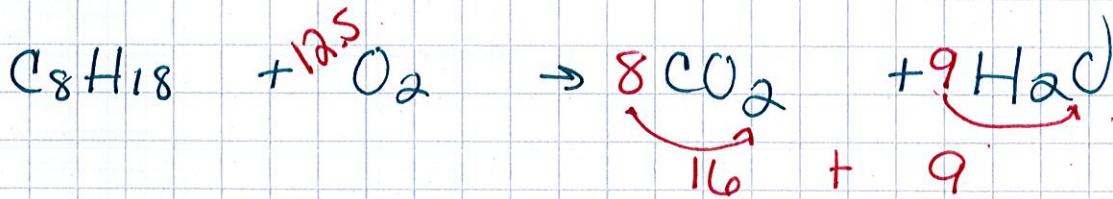
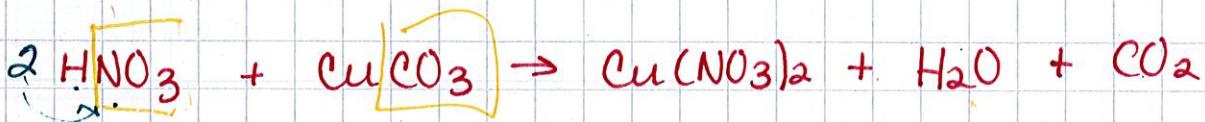
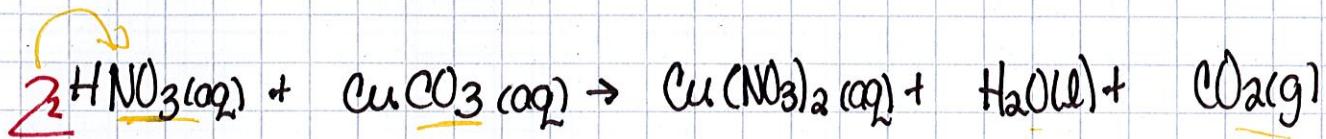
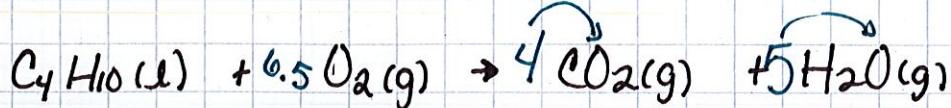
Use coefficients to balance equations

↳ # written before a formula is multiplies through to every element in the formula





$$8 + 5 = 13$$



25