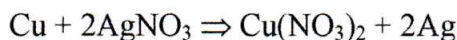
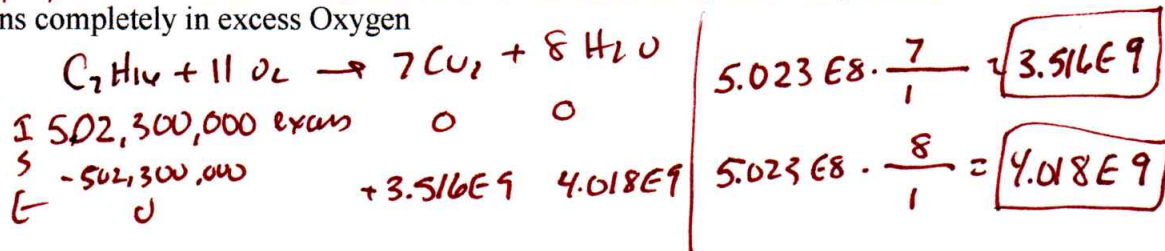


(#6-1)
Chemistry
Stoichiometry
Particles #1

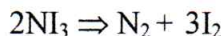
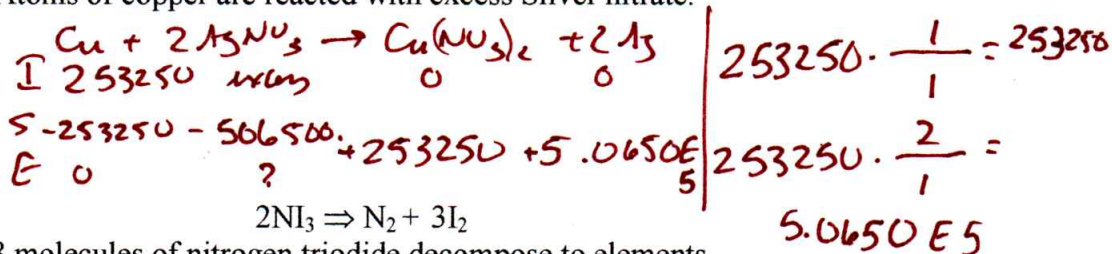
- In the following reactions:
 - Complete the reaction (translate and predict products)
 - Determine amount of each reactant and product
 - Use Correct Significant figures (Multiplication/Division: use smallest # of sigfigs)



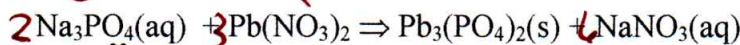
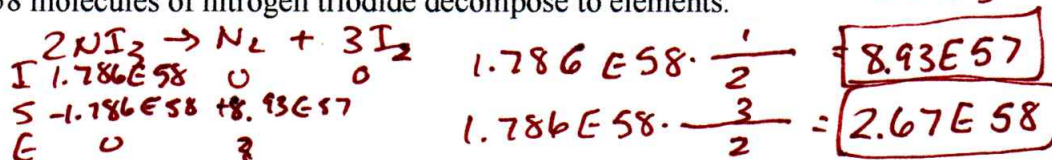
1. 502,300,000. Molecules of Heptane (C_7H_{16}), the basic component of gasoline burns completely in excess Oxygen



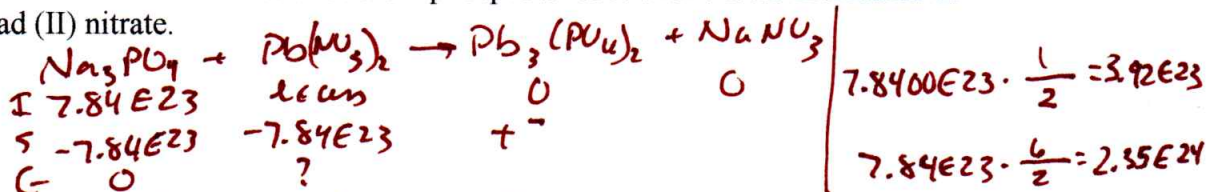
2. 253250. Atoms of copper are reacted with excess Silver nitrate.



3. 1.786E58 molecules of nitrogen triiodide decompose to elements.



4. 7.8400×10^{23} molecules of sodium phosphate react with excess molecules of lead (II) nitrate.



5. 2500000000. molecules of Nitric acid react with excess molecules of aluminum hydroxide.

