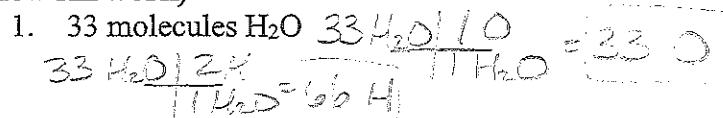
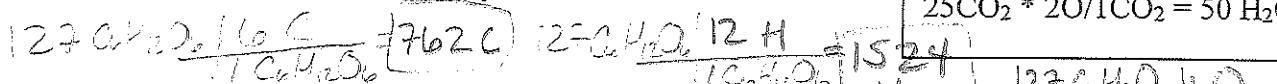
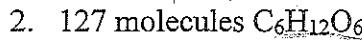


(#6-1)  
 CHEMISTRY  
 Stoichiometry  
 Particles 1

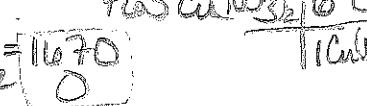
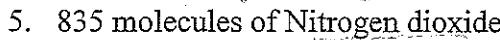
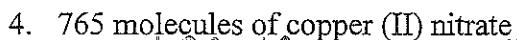
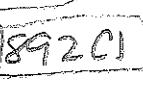
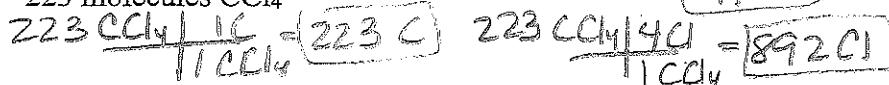
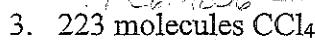
Determine the number of individual particles in the following chemical substances  
 (Show All work)



Example: 25 CO<sub>2</sub>  
 $25 \text{ CO}_2 * 1\text{C}/1\text{CO}_2 = 25 \text{ C}$



$25\text{CO}_2 * 2\text{O}/1\text{CO}_2 = 50 \text{ H}_2\text{O}$



Given the following individual atoms determine the number of molecules that could be made. (Show work)



Example: 25 C = ? CO<sub>2</sub>

$25 \text{ C} * 1\text{CO}_2/1\text{C} = 25 \text{ CO}_2$

