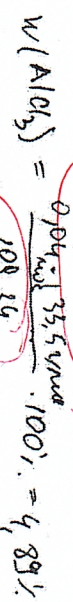
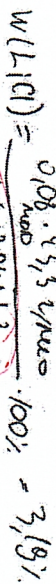
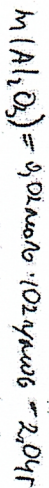
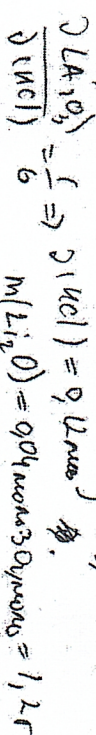
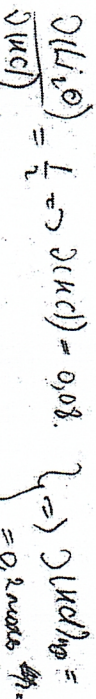
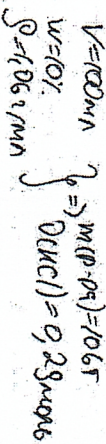
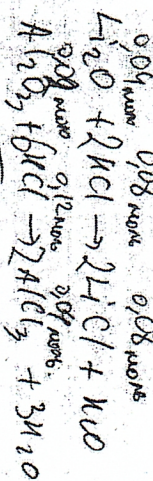
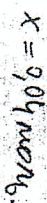
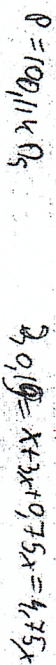
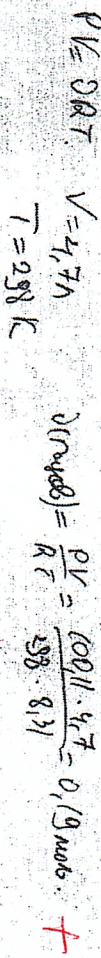
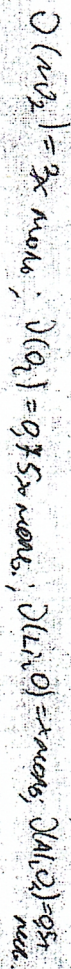
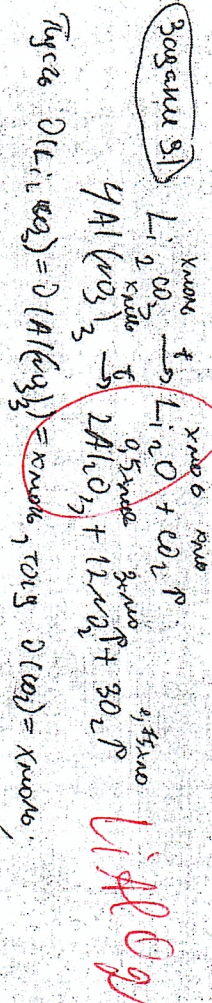
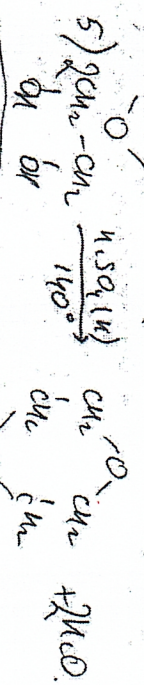
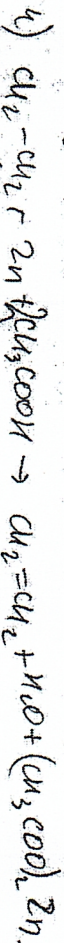
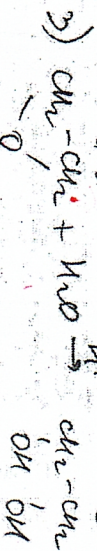
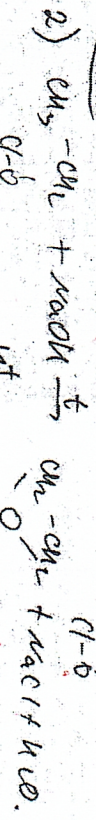
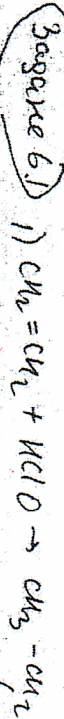
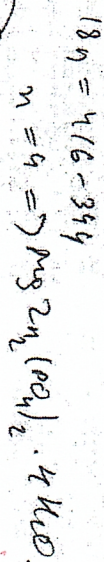
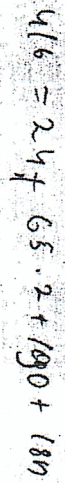
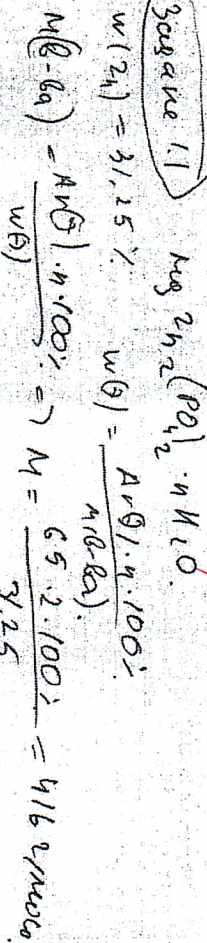


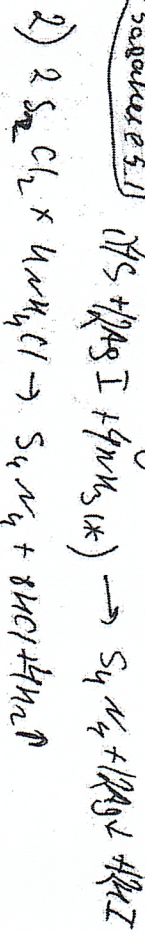
Завдання 81



Завдання 61



Завдання 51



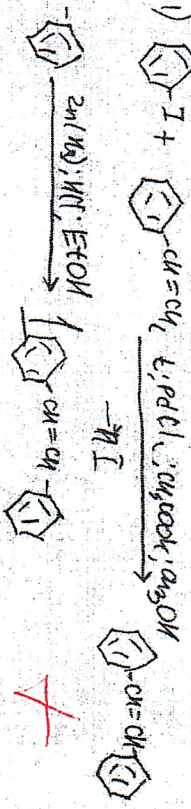
Задача 4) $\rho = \frac{m}{V} \Rightarrow V = \frac{m}{\rho}$

$50 \text{ мм} = \frac{m}{\rho} \Rightarrow m(\text{исходная масса}) = 0,21 \cdot \rho \cdot 50 = 10,5 \rho$

$W(I)_{\text{исходная масса}} = \frac{381 \cdot 2 / \text{моль}}{581 + 25 \cdot 8 + 2 \cdot 8 + 14 \cdot 4 + 10} \cdot 100\% =$

$= 57,21\% \Rightarrow m(I) = 0,5721 \cdot 10,5 \rho = 6 \rho$

Задача 3.1)



$m = 31,8 \text{ г}$
 $0 = \frac{31,8 \text{ г}}{212,2 / \text{моль}} = 0,15 \text{ моль} \Rightarrow m(\text{соединения})_{\text{теор}} = 0,15 \text{ моль} \cdot 180 \text{ г/моль} = 27 \text{ г}$

$\frac{n(I)}{n(II)} = 1,625$
 $n = \frac{m(\text{соединения})_{\text{теор}} \cdot 100\%}{m(\text{соединения})_{\text{теор}}}$

Пуск вещества в моль соединения $\Rightarrow$

$n(I) : n(II) = 1,625$
 $\frac{180 \text{ г}}{m(\text{соединения})_{\text{теор}}} : \frac{180 \text{ г}}{27} = 1,625$

$\frac{180 \text{ г}}{m(\text{соединения})_{\text{теор}}} = 1,625$

$m(\text{соединения})_{\text{теор}} = \frac{27}{1,625} = 16,625$

$n(C_8H_8) - ?$
 $m(C_8H_8) - ?$

Задача 2.1) $W(B) = 23,025\%$
 $W(C) = 74,31\%$

$W(A) = \frac{m(A) \cdot n}{m(B) \cdot n} \cdot 100\%$

$m(B) \cdot W(A) = m(A) \cdot n \cdot 100\% \Rightarrow m = \frac{11 \cdot 18 \cdot 100\%}{23,025} = 47,75 \text{ г/моль}$

$n = \frac{W(B) \cdot m(B) \cdot K_1}{m(A) \cdot 100} \Rightarrow n(C) = \frac{74,31 \cdot 52,5,5}{35,5 \cdot 100} = 11 \Rightarrow$

$n(Cl) = 1$. $B_9Cl_{11} \Rightarrow Z = Cl$. $B_9Cl_{11}CX$

$Ar(B) = \frac{W(B) \cdot m(B) \cdot K_1}{n \cdot 100\%}$

$Ar(X) = \frac{1 \cdot 100}{0,195 \cdot 52,5,5} =$

$= 1, \Rightarrow X = H. \Rightarrow$

$B_9Cl_{11}H_{12}$

пусть guess?