

10-11



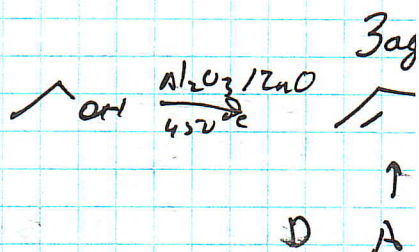
ТЕТРАДЬ

для _____

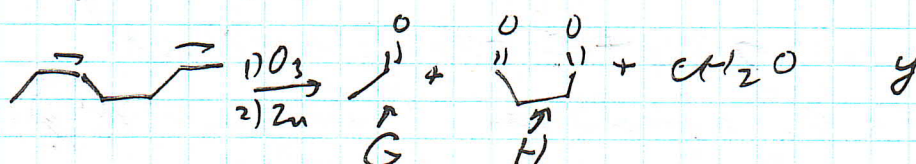
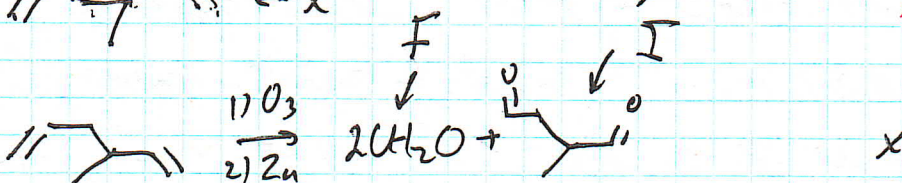
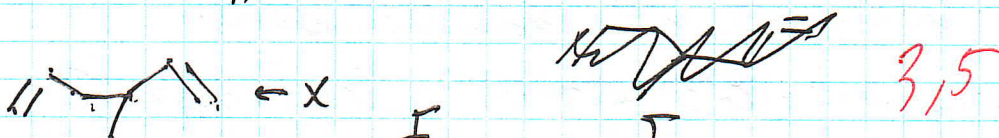
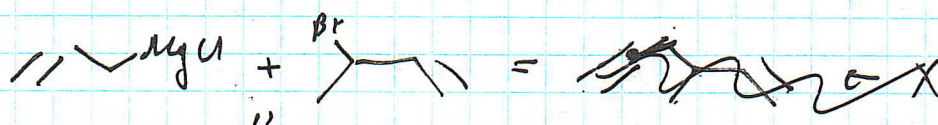
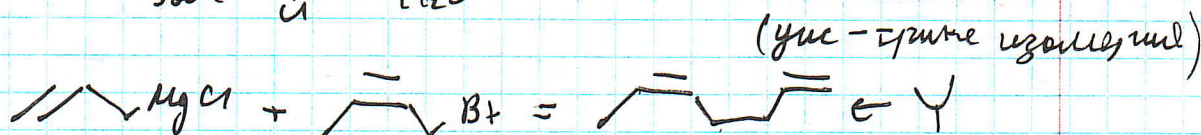
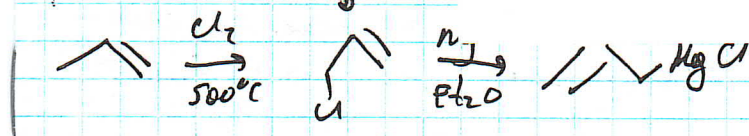
учени _____ 10 класса _____
Голыкова Е.А. учителем _____
школы _____

Демидов

Виктор



	№1	№2	№3	№4	№5	Σ
балл	9,5	13	11,75	7	13	
подпись	<i>Борис</i>	<i>Хамид</i>	<i>В</i>	<i>Андрей</i>	<i>Василий</i>	
испр.	+1,5			+1	+2	



Пусть Y было уксус, X должно быть метанол.

$$m(\text{CH}_2\text{O}) = 60\text{г} + 30\text{г}$$

$$m(\text{CH}_3\text{COOH}) = 44\text{г}$$

$$m(\text{CH}_3\text{CHO}) = 86\text{г}$$

$$n(\text{CH}_3\text{COOH}) = 100\text{г}$$

отношения очевидны

$$y = 0.035$$

$$x = 0.015$$

$$\frac{m(\text{CH}_3\text{COOH})}{m(\text{CH}_3\text{COOH})} = \frac{86}{44} = \frac{m(1)}{m(6)}$$

4. $n = (x+y) \cdot (7 \cdot 12 + 12) = 9,62$ ²

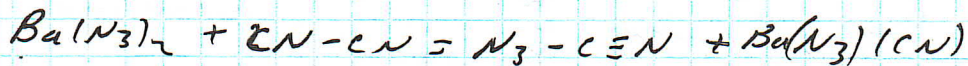
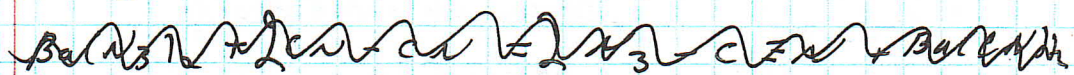
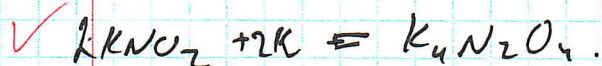
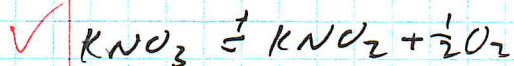
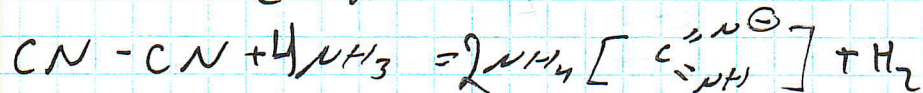
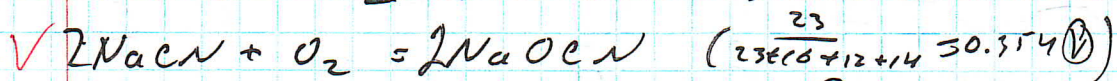
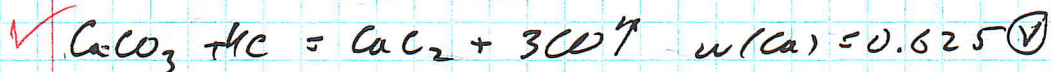
$$X \xrightleftharpoons[0.015]{0.085} Y \quad K_p = \frac{0.085}{0.015} = 5,667 \quad \left(\frac{P_1}{P_2} = \frac{J_1 \cdot \frac{RT}{V}}{J_2 \cdot \frac{RT}{V}} \right) \quad 2,5$$

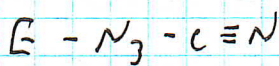
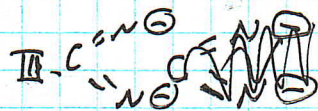
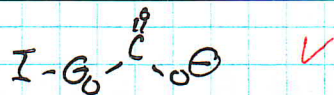
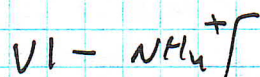
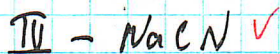
5. $\Delta_r H^\circ \sim 0$, т.к. у нас по принципу Ле-Шателье равновесие сдвигается вл, и увеличивается константа.

$$\Delta_r G^\circ = \Delta_r H^\circ - T \Delta_r S^\circ \sim -T \Delta_r S^\circ = -RT \ln K \Rightarrow$$

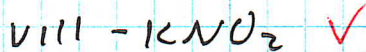
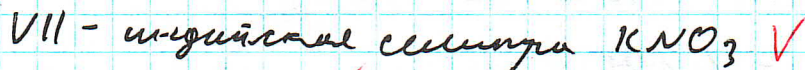
$$\ln \Delta_r S^\circ = R \ln K = 14,42 \frac{R_{\text{мол}}}{\text{моль} \cdot \text{К}} \quad 3$$

✓ $\begin{matrix} A-C & B-N_2 & \text{Задача N10.4} \\ \text{I} - \text{CaCO}_3 & \text{т.к.} & \text{вытеснит минералы} \end{matrix}$



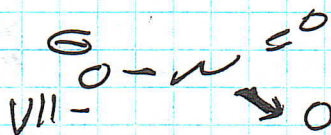
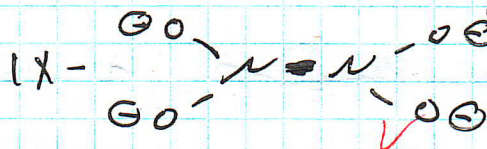
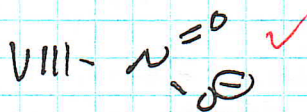


Данные, уже полученные, записаны
для проверки предположения о его строении:



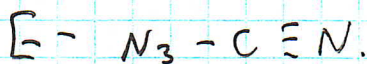
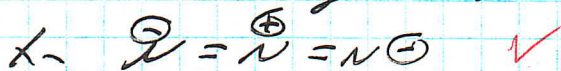
$$IX - \text{K}_4\text{N}_2\text{O}_4 \quad \checkmark \quad w(\text{K}) = \frac{39.1 \cdot 4}{39.1 \cdot 4 + 2 \cdot 14 + 16 \cdot 4} = 0.6296, \text{ или}$$

следующие стандарты, данные в задаче.

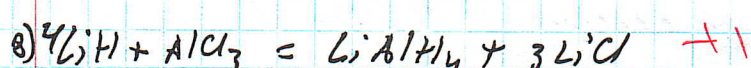
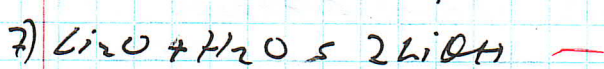
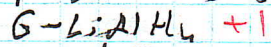
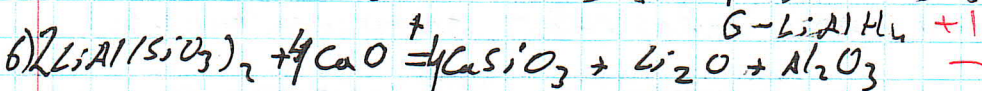
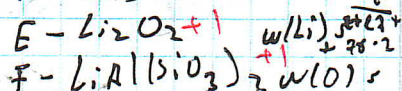
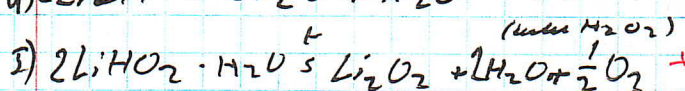
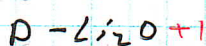
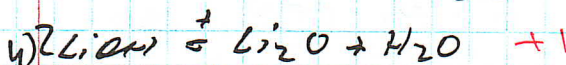
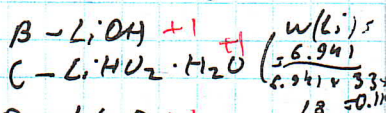
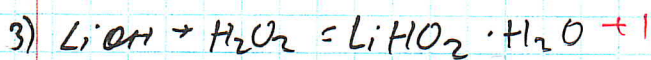
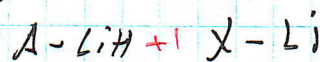
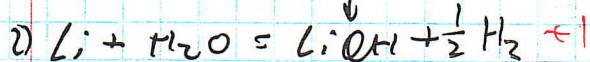


Кто

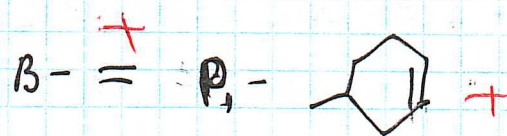
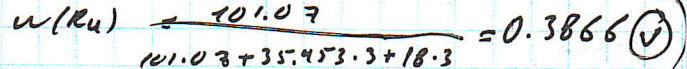
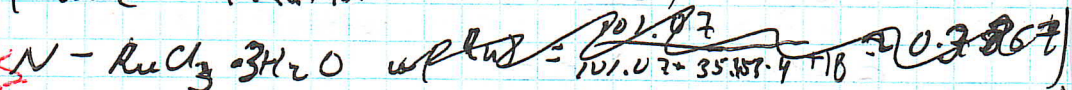
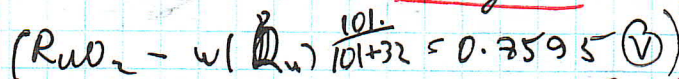
$$\text{По массовой доле} \quad X - \text{Ba}(\text{N}_3)_2 \quad w(\text{Ba}) = \frac{137.3}{137.3 + 14 \cdot 6} = 0.6204 \quad \checkmark$$

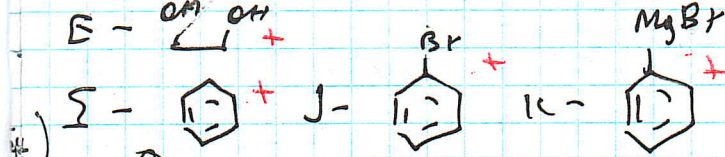
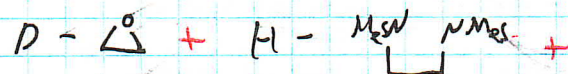
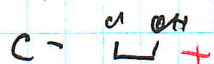
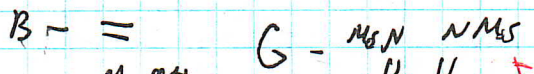


A-Lith



R - Ru, округом Клязьмин в Вульском гораст.





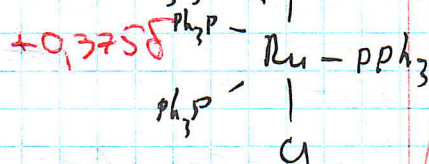
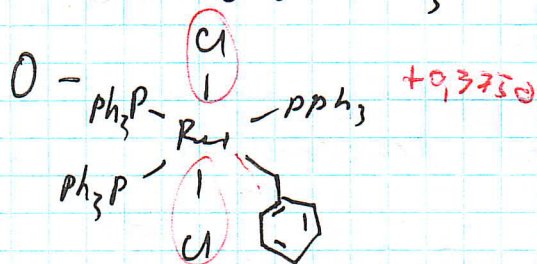
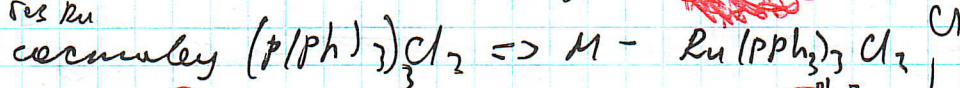
50.037 (V)
 $\frac{16.6}{7+27 \cdot 28.6} = 0.519$ L- $\text{P}(\text{Ph}_3)_3$ $\mu(\text{L}) = 262.30.9844$
 $+ 18.12.011 +$
 $+ 15.1.0085 = 262.792$

$\text{C}_5 \rightarrow \text{N}$ получили 3.66702 м.

$\mu(\text{N}) = 261.474. \Rightarrow \mu(\text{M}) = 958.825$ (или 1 Ru)

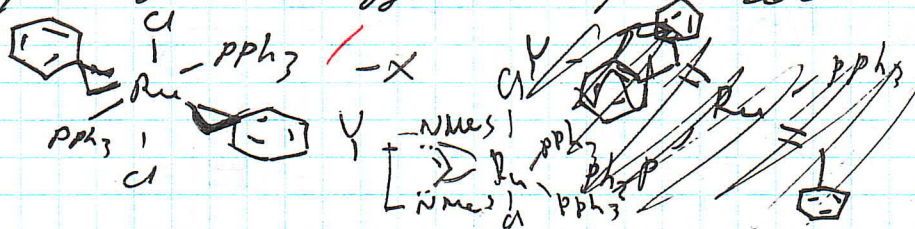
$\mu(\text{M}) = 857.755$, что является состав

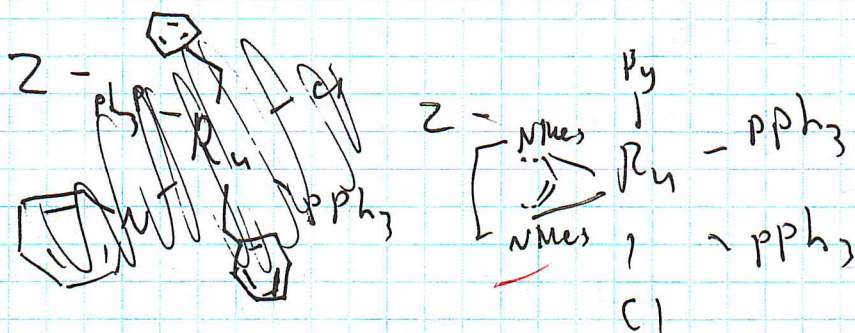
рез Ru



$\omega(\text{Cl}) = 0.0616 \Rightarrow \text{или } 2\text{Cl} - \mu(\text{Cl}) = 712.05$, что

приблизительно соответствует составу:

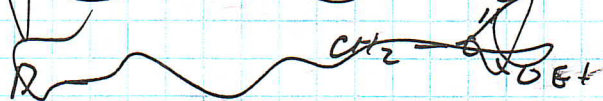




Задача N10.4

Укажите формулы соединений, указанных
 по следующим данным: все продукты, полученные в-соединениях,
 если все продукты, то $\text{B} - \text{C}_2\text{H}_5\text{OH}$, если
 $\text{A} - \text{CH}_3\text{COOCH}_3$, $\text{C} - \text{C}_2\text{H}_5\text{ONa}$

Решение из 18 D - метильный эфир кетона



К гидролизу кетона; М-соединение
 эфир.

