

11-12



ТЕТРАДЬ

для Бузников Павел Денисович

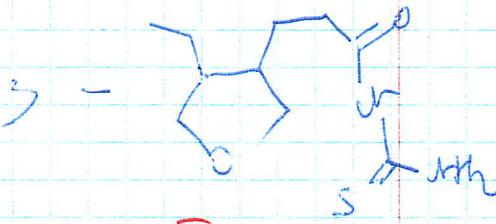
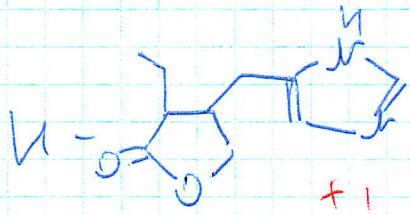
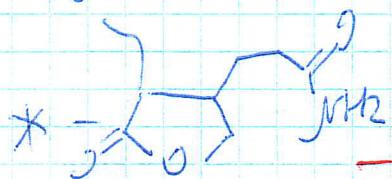
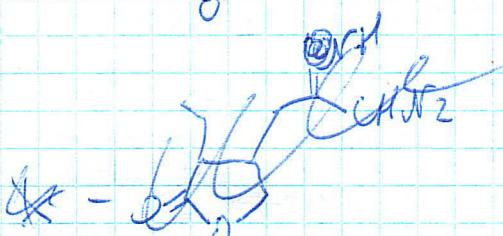
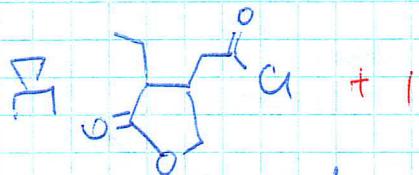
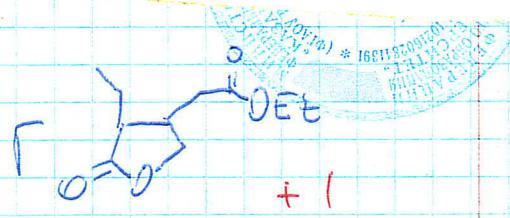
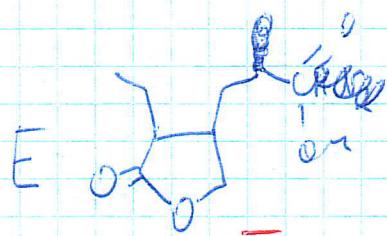
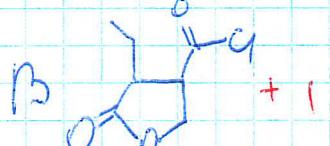
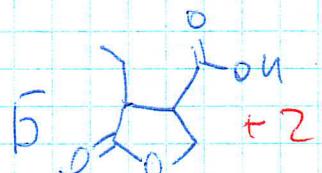
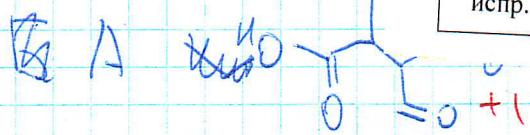
ученик 11 класса _____

школы СУНЦ МГУ

Учитель Хрипильников Максим Сергеевич

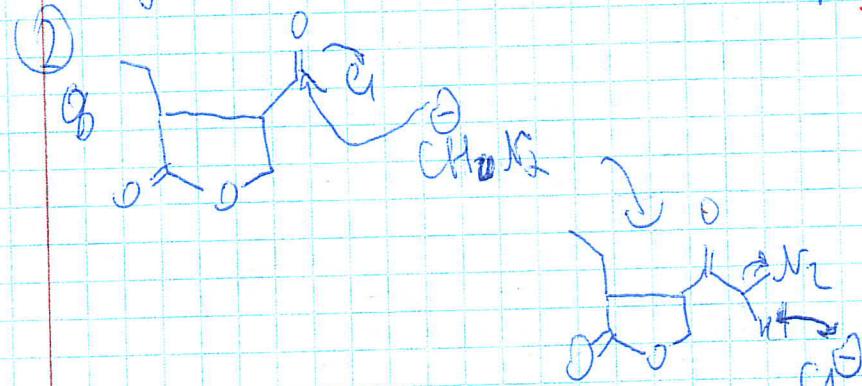
	№1	№2	№3	№4	№5	Σ
балл	9,5	3	11	11	2	36,5
подпись	Ильин	А	Джон	Федоров	Ильин	
испр.						

Задача

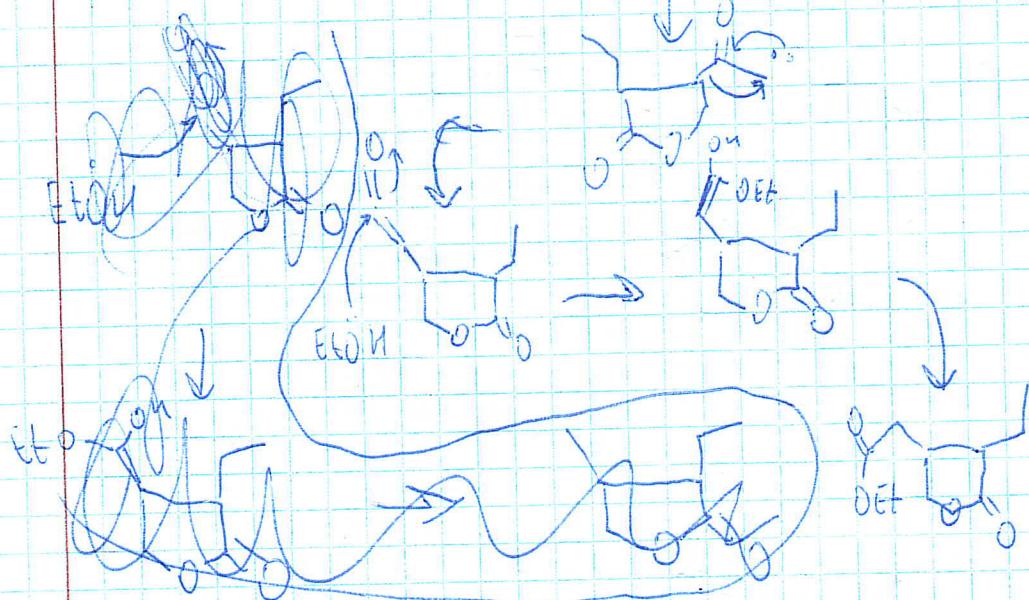


3. фаза небольшое расщепление

+1



+3

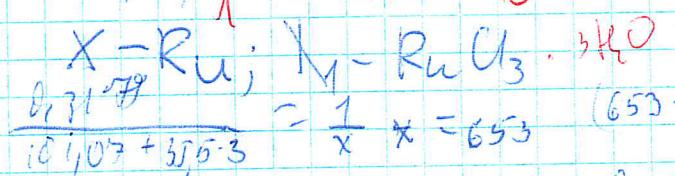


Задача 11-4

$\zeta = 11$

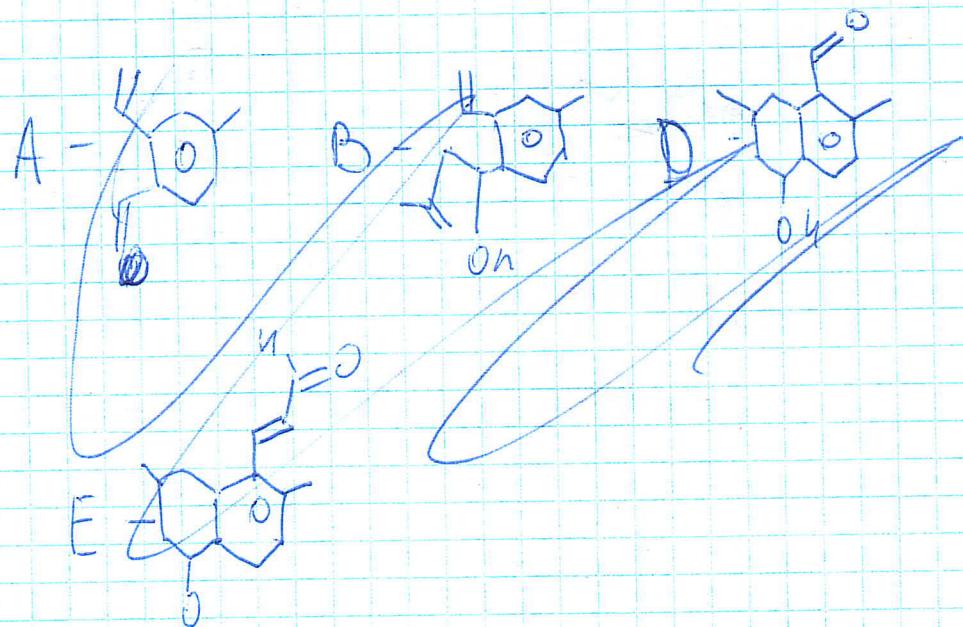
1 29,73 1

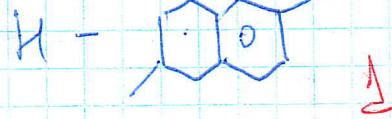
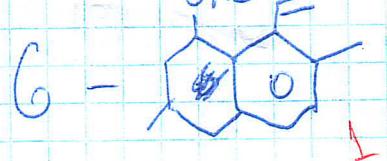
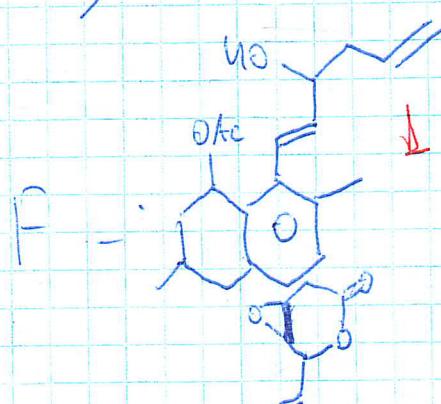
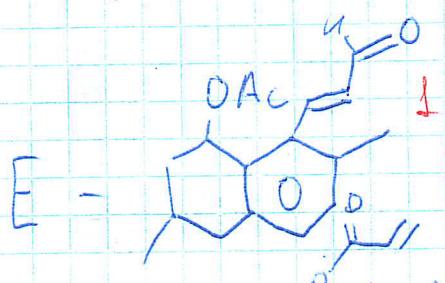
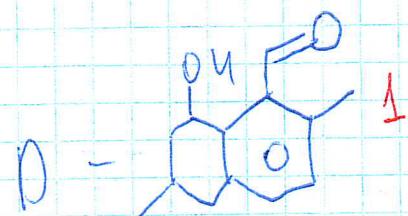
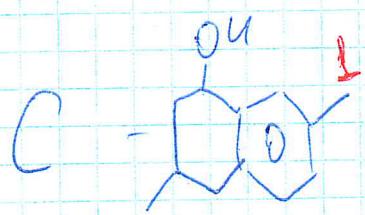
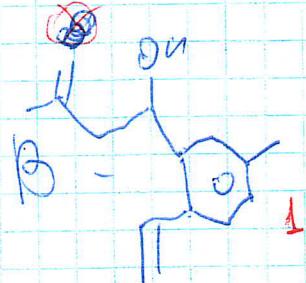
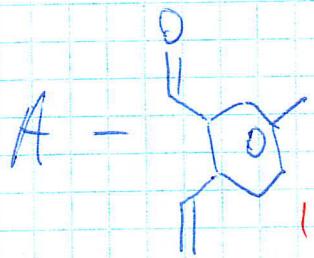
0



$$(653 - Ru - P - Z = 32) = 57$$

CuH₂ 1





Задача 11-5

1. Газер и Баш +1

$$2 D - O_2$$



$$3. \frac{Q_2}{Q_1} = \frac{K \cdot 0,5 \cdot (1 + 0,5 \cdot R)}{(1 + 0,6 \cdot K) \cdot 1,65} =$$

$$\frac{Q_2}{Q_1} = \frac{K \cdot 2x \cdot (1 + Kx)}{(K \cdot 2x + 1) \cdot K \cdot x} = \frac{6}{5}$$

$$\frac{2K + 2}{2Kx + 1} = \frac{6}{5}$$

$$\frac{0,6}{x+0,4} = \frac{0,5}{x(1-0,5)}$$

$$\frac{1}{0} = \frac{1}{k_p} + 1$$

$$\frac{1}{0,6} - 1 = \frac{1}{k \cdot 2x}$$

$$\frac{1}{0,5} - 1 = \frac{1}{kx}$$

3. $\frac{1}{0,6} - 1 = \frac{1}{k(x+1)}$

② $\frac{1}{0,5} - 1 = \frac{1}{kx}$

$$\frac{0,6}{(x+1)0,4} = \frac{0,5}{0,5x} \quad x=2$$

(K = 2) 0

✓

$$K_1 = \frac{P(K_2) \Theta_{K_2}}{P(K_2)(1-\Theta_{K_2})}$$

$$K_2 = \frac{\Theta_{K_2} \cancel{PK_2}}{P(K_2)(1-\Theta_{K_2})}$$

D - P\theta

$\frac{\theta}{K} = P - PK$

$\cancel{D - PK + PK} = \cancel{0}$

$$\Theta(P_2) = \frac{K_1 \Theta(P_2)}{1 + K_1 \Theta(P_2)}$$

$$\frac{\theta(1+PK) - PK}{K} = 0$$

P
PK

$$\Theta_{K_2} + \Theta_{M_2} + \underline{\quad} = 1$$

$$\Theta(P_2) = 1 - \Theta(M_2) - \underline{\quad}$$

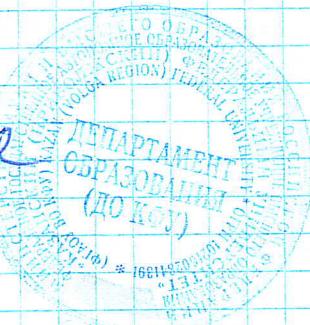
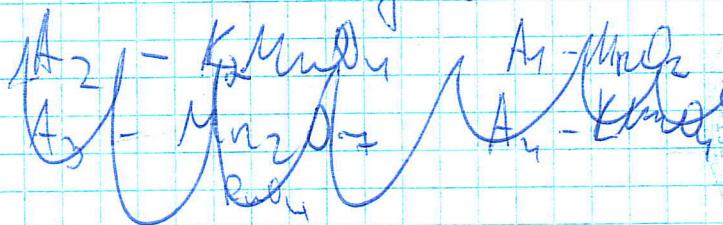
①

ay u večer
1) 93, 4 večer nočne +0,5

2) večer
nočne - 11 večer
nočne +0,5

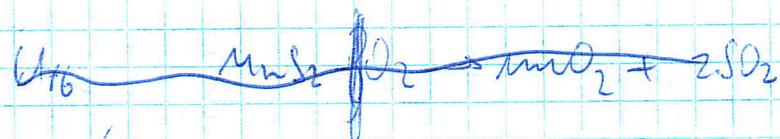
/ 2

Задача 11-1



$$MA_5 = \frac{1}{0,27\%} = 140,74$$

$$140,74 \cdot 17,45\% = 351,5 : 35,5 = 9,9$$



$M_B(x) = \frac{55}{0,0513} \cdot 36,17\% x \Rightarrow$ (алюміній нор-
соглинистий вар $B - Te$

$$\text{Порядок } A - \left(1 \cdot \frac{0,269}{32x} - 12,76 \cdot 2 \right)$$

$$\text{при } x=3 \quad A - Ru \Rightarrow X - RuTe_2$$

Ru

$X - RuTe_2 \quad A_1 - Ru_2 \quad A_2 - K_2Ru_4 \quad A_3 - RuO_4 \quad A_4 - KNO_3 \quad A_5 - RuO_3 \quad A_6$

✓

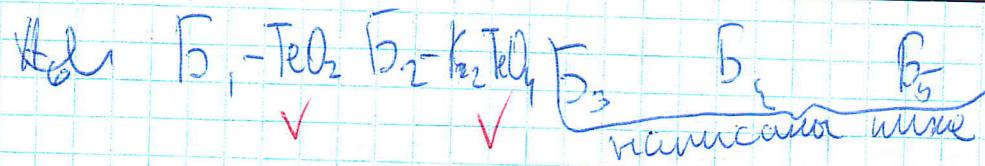
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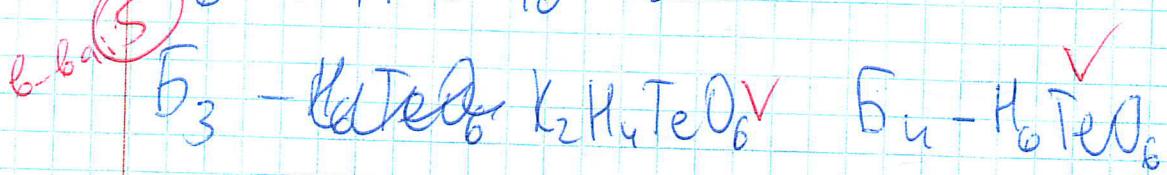
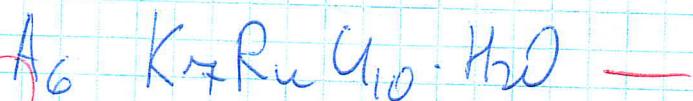
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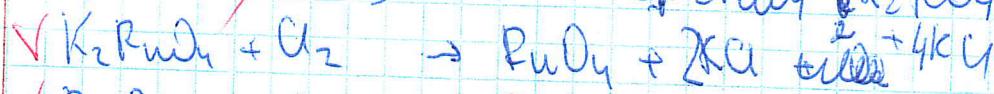
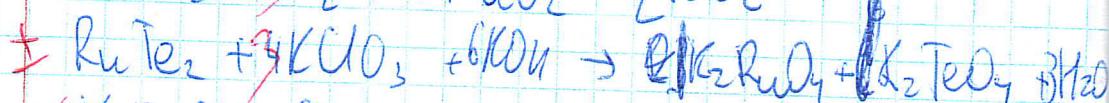
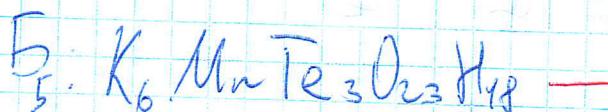
$$\frac{1}{101,07 + 127,62} = \frac{1}{127,07 - 35,5 \cdot 3 + 108}$$

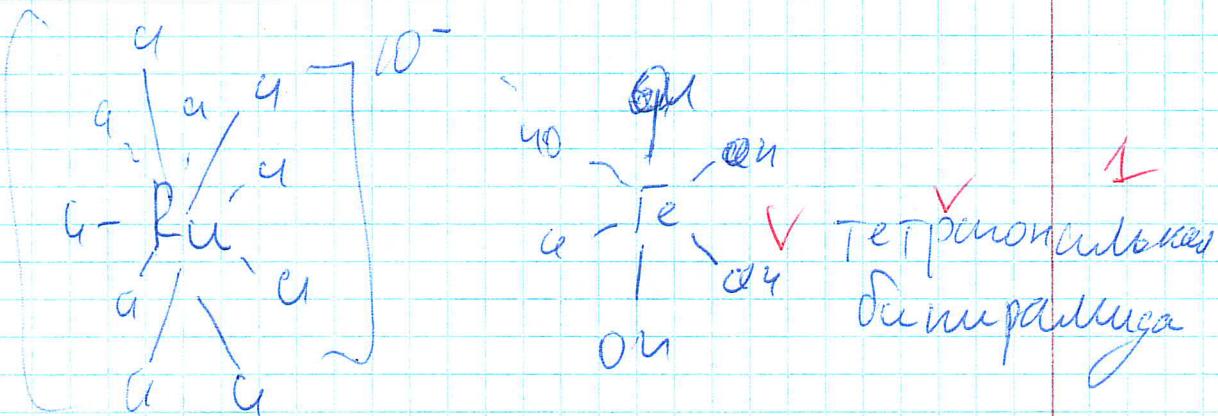
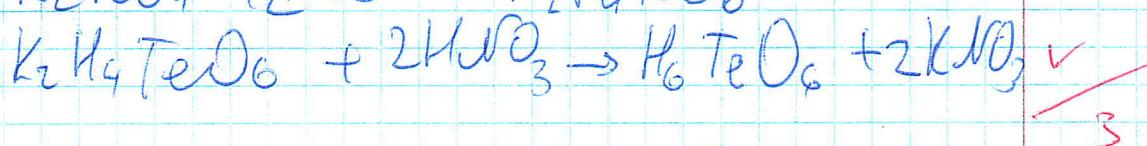
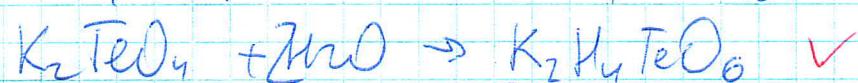
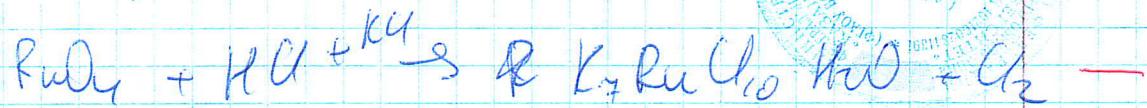
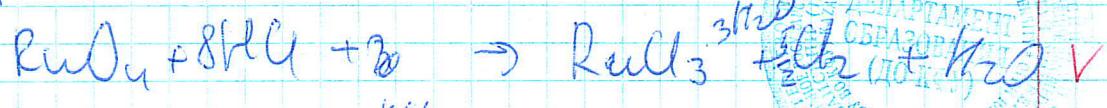
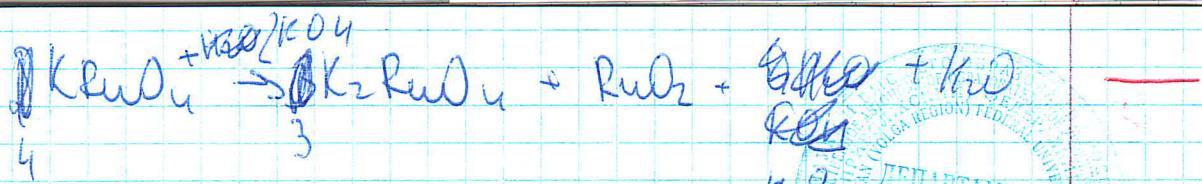


$$A_6 - \left(\frac{35,5 \cdot 10}{3,4445} - 10 - 355 - 106,2 \right) \cdot 39 \approx 7$$



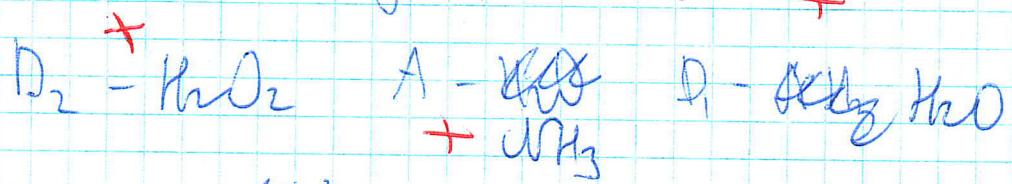
$$\text{B}_4: \frac{55x}{0,0519} = \frac{39y}{0,1216} \quad \frac{55x}{0,0519} = \frac{16z}{0,3872}$$



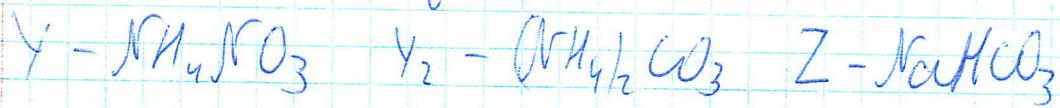
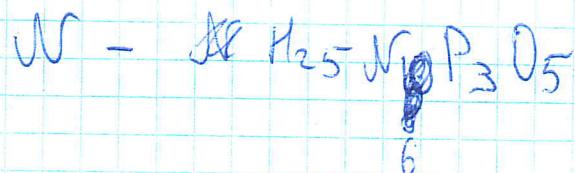
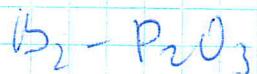


pozborní \checkmark 15

3agama 2



$$C = \frac{34 + 14 \cdot 3}{34 + 14 \cdot 3 + 16 \cdot 2} = 0,355 \Rightarrow C - (\text{NH}_3)_2\text{P}_2$$



→ 0,755