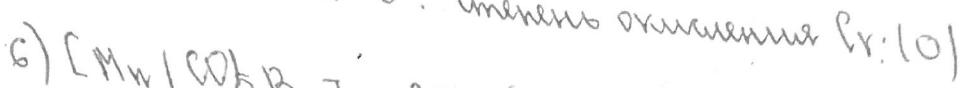
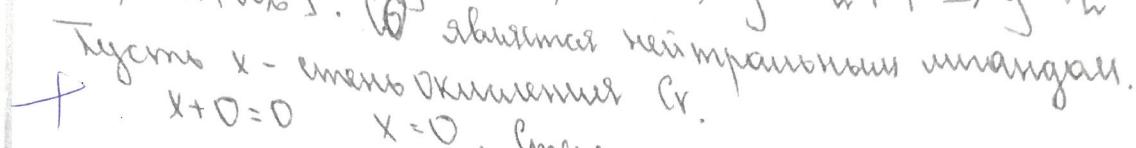
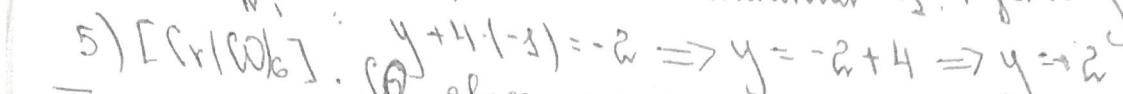
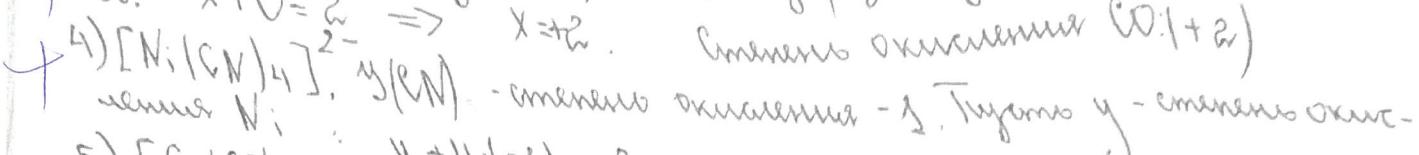
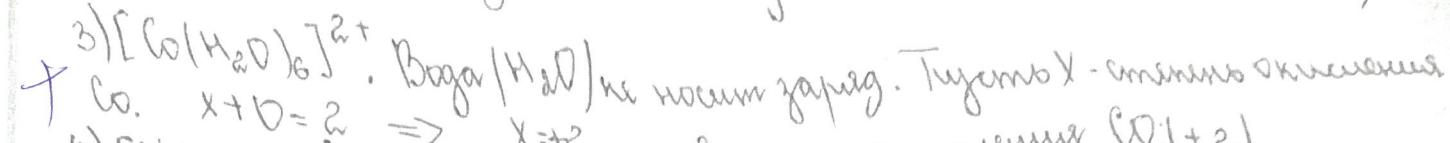
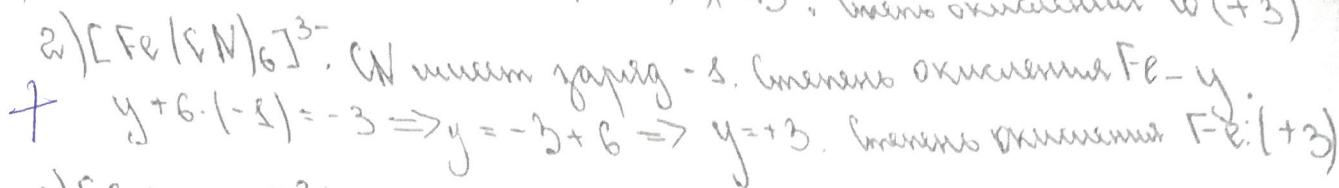
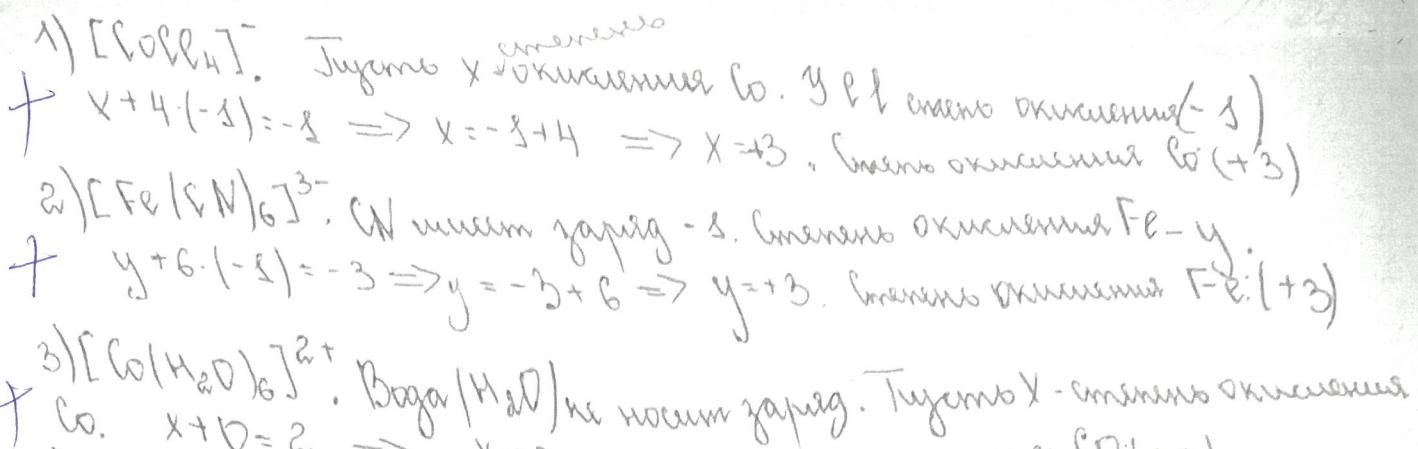


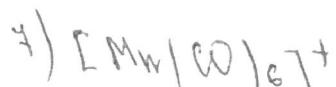
N1



$$x + 5 \cdot (-1) - 1 = 0 \Rightarrow$$

$$x = +6$$

Биренес оксидтери $Mn(+6)$



CO-такшаларында -1 , Mn-такшаларында $+1$. Түрөмб X-такшаларында $Mn(+1)$

$$x + 6 = 1$$

$$x = +5$$

$$6 \times 2 = 12$$

Онбай:

$$1) +3$$

$$2) +3$$

$$3) +2$$

$$4) +2$$

$$5) 0$$

$$6) +6$$

$$7) +3$$

1	2	3	4	5	6	Σ
12	6	6	14	23,5	10	76,5

амт

№ 2

Дано

$$m = 0,68 \text{ кг} = 0,68 \cdot 10^{-3} \text{ тонн} \quad R = 8,3$$

$$V = 8156 \text{ см}^3 = 8,156 \cdot 10^{-3} \text{ м}^3$$

$$t = -120^\circ \Rightarrow T = 261 \text{ К}$$

$$P = 0,5 \text{ атм} = 10132,5 \text{ Па}$$

$$PV = VRT \Rightarrow J = \frac{PV}{RT}$$

$$J = \frac{10132,5 \text{ Па} \cdot 8,156 \cdot 10^{-3} \text{ м}^3}{8,3 \cdot 261 \text{ К}} = 0,04 \text{ моль}$$

$$M = \frac{m}{J} = \frac{0,68 \cdot 10^{-3} \text{ тонн}}{0,04 \text{ моль}} = 17 \frac{\text{кг}}{\text{моль}}$$

Давление атмосферы $(N M_3) - \text{вяз } A +$

$$M = 17 \cdot 2 = 34 +$$

$$\text{вяз } 5 - \text{дав } H_2S -$$

от м упрощен. упр
вяз сод. и др.

Изменение масс компонентов $S \text{ и } NBH_2S \text{ и } NH_3$

$$S: n^0 = 32 - 16 = 16 +$$

$$NH_3: n^0 = 14 - 7 = 7 +$$

Остается: вяз $A - NH_3$

вяз $5 - H_2S$

неизменен в $NH_3 - 16$

неизменен в $H_2S - 7$.

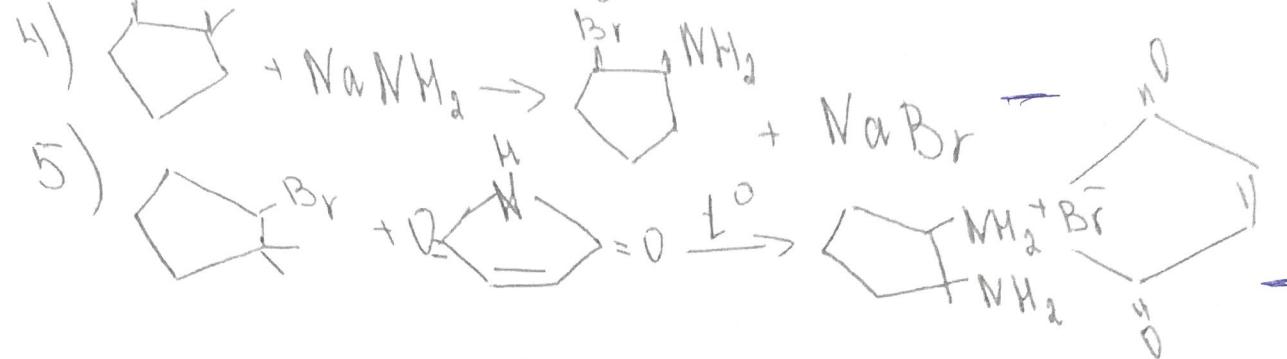
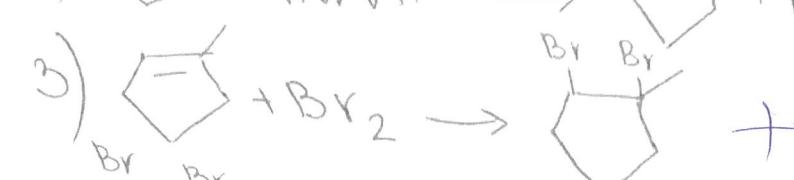
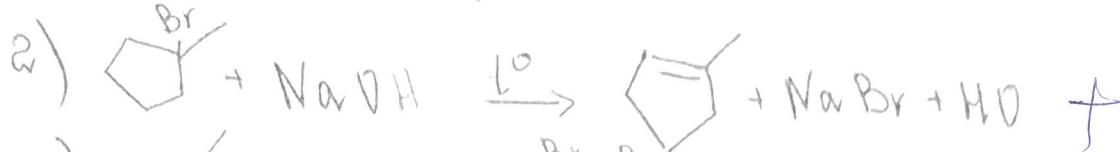
$2 \times 2 / \text{для оп-ма, ф-ло пар. М.и. бегущ.}$

2×1

6

N3

X325046

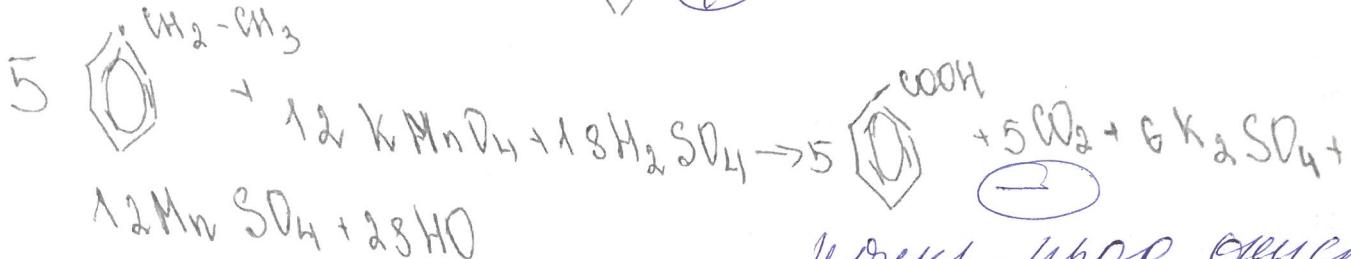
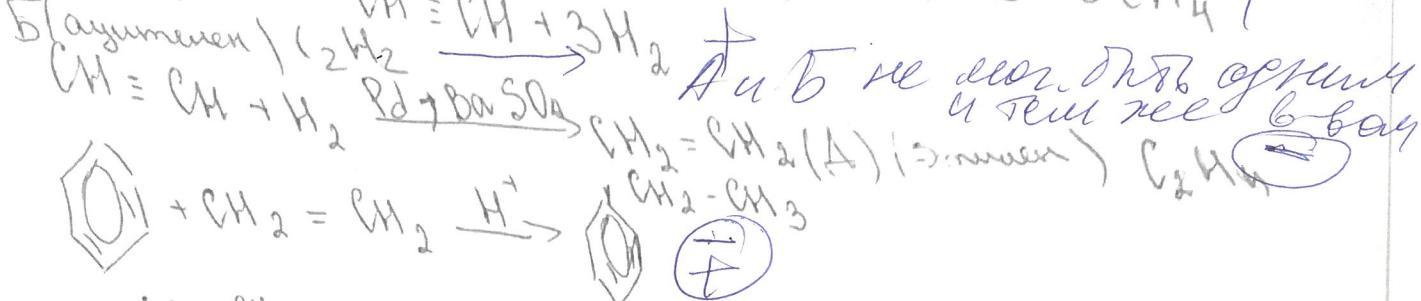
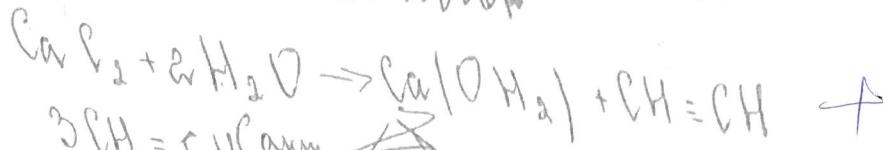


$$3 \times 2 = 6$$

comp 3

NH

X3 25046

Изомерия $X\text{-C}_6\text{H}_5\text{Cl}_2$ 

Изомеризация

из $\text{A-C}_6\text{H}_5\text{Cl}_2$ (изомерия)

исп-е окисл.
 $\text{C}^{+}(0) \Rightarrow \text{sp-e}$
 и соотв. зар.

наиболее вероятно в кетоне и гидро-кетоне 70%,
 но можно предположить, что это карбон ацетин

 (Al_2S_3)

$$\begin{array}{rcl} X_1 Y_2 A & - 2X_2 + |x| = 5 \\ + 1 \pm 1 f & & \end{array}$$

18 пар

$$X_1 3 - 0$$

$$21m - 4X_2 + |x| = 9$$

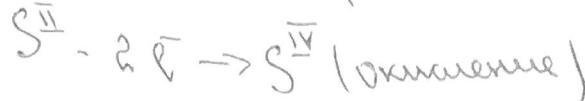
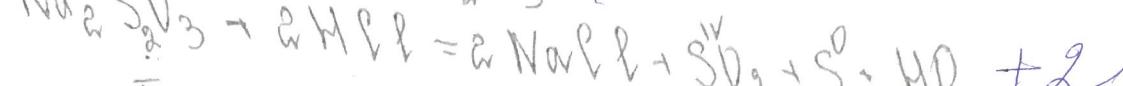
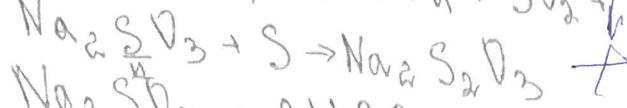
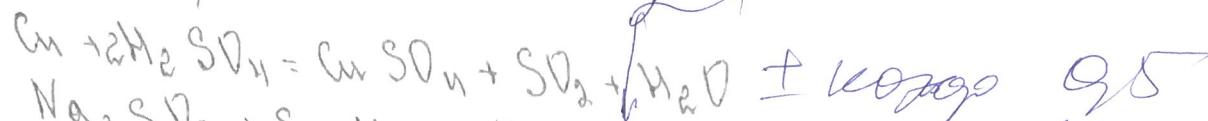
14

comp 4

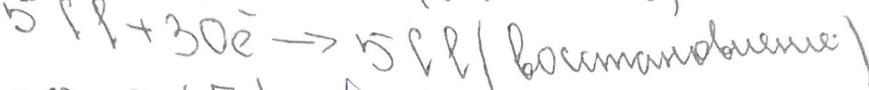
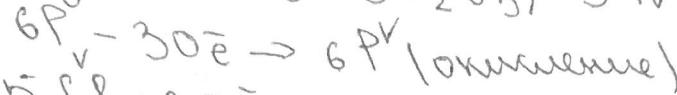
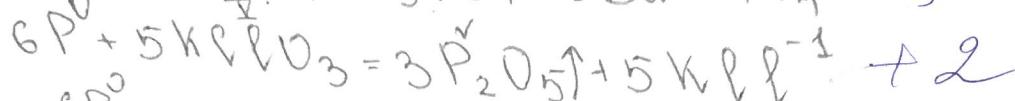
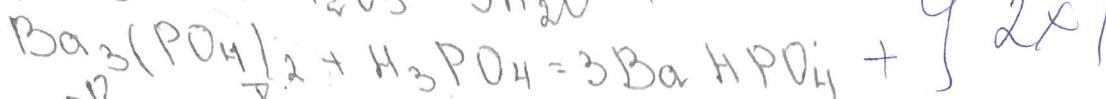
N5

X3 25046

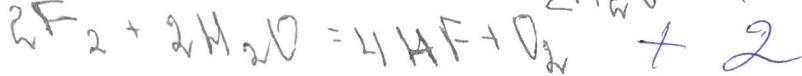
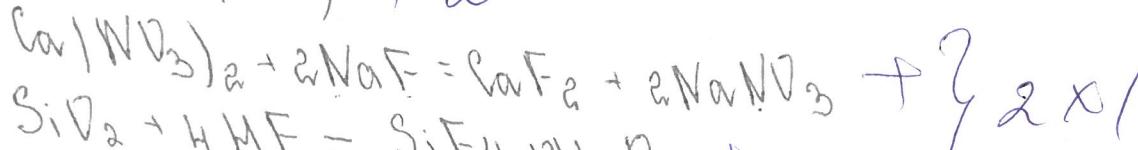
3A- сепар(S) +



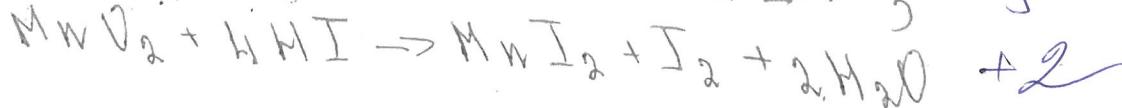
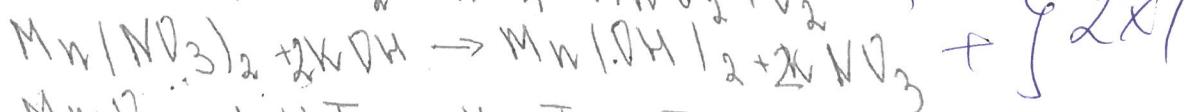
2) D - фосфор(Р) + 2



3) E - фтор(Ф) + 2



4) G - марганец(Мn) + 2



$$4 \times 2 = 8$$

$$3,5 + 4 \times 3 = 15,5$$

23,5

comp 5

v 6.

$$\text{M}(\text{C}_6\text{H}_6) = 12 \cdot 8 \frac{\text{V}}{\text{mole}}$$

$$\text{K}(\text{C}_6\text{H}_6) = 2,57 \frac{\text{K} \cdot \text{m}}{\text{mole}}$$

$$\text{K}(\text{CHCl}_3) = 3,88 \frac{\text{K} \cdot \text{m}}{\text{mole}}$$

$$\Delta T_{\text{zimm}} = 2,57 \frac{\text{K} \cdot \text{m}}{\text{mole}} \cdot h = 5,14 - \text{Diss C}_6\text{H}_6$$

$$\bar{T}_{\text{Kp}} = 5,5 - 5,14 = 0,36^\circ\text{F} - \text{Diss C}_6\text{H}_6$$

$$\text{Temperatur f. Konstanz: } 0,36^\circ\text{F} - 273 = -272,64 \text{ K}$$

Diss Diss C₆H₆

\ominus Zimm "+", Kp " $-$ "

$$\Delta T_{\text{zimm}} = 3,88 \cdot 2 = 7,76 - \text{Diss CHCl}_3$$

$$\bar{T}_{\text{Kp}} = -63,5 - 7,76 = -71,26^\circ\text{F} - \text{Diss CHCl}_3$$

$$\text{Temperatur f. Konstanz: } -71,26^\circ\text{F} - 273 = -344,26 \text{ K}$$

$$\text{Diss CHCl}_3 \quad \text{Diss. Kp. - Zimm}$$

$$\begin{aligned} \text{Diss. Kp.} & 0,36^\circ\text{F} ; -272,64 \text{ K} - \text{diss C}_6\text{H}_6 \\ & -71,26^\circ\text{F} ; -344,26 \text{ K} - \text{diss CHCl}_3 \end{aligned}$$

$$2 \times 5 = 10$$

emp 6.