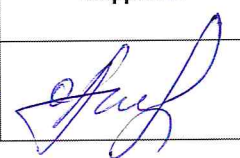
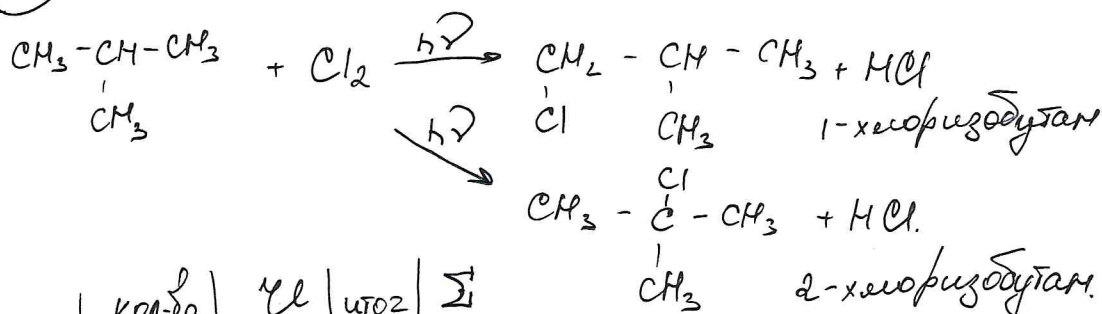


Задача	1	2	3	4	5	6	Σ		Подпись
							Цифрой	Прописью	
Оценка	5	5	2	2	5	4	23	двадцать три	

№3

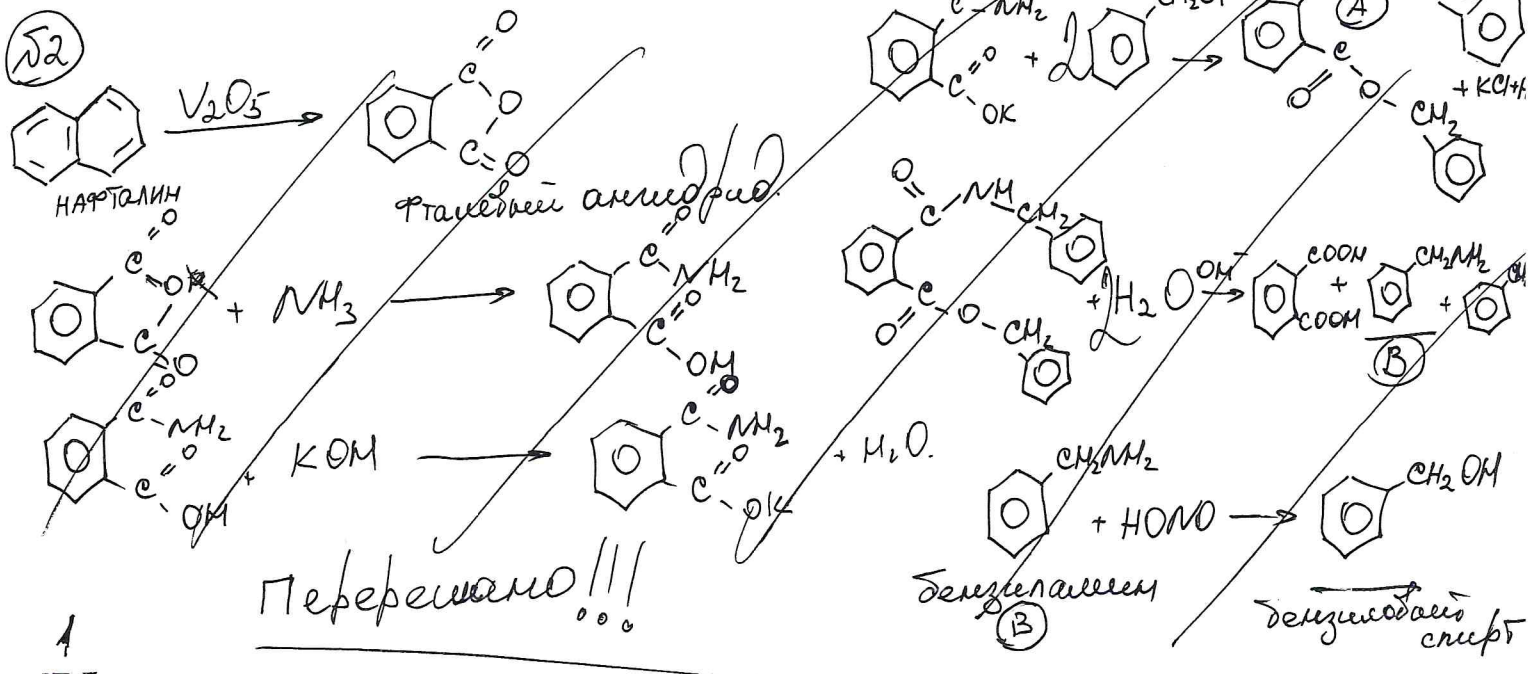


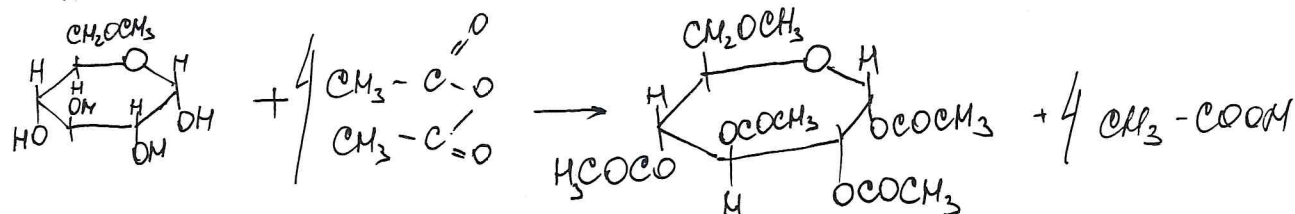
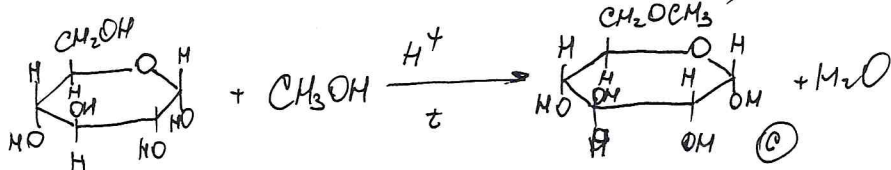
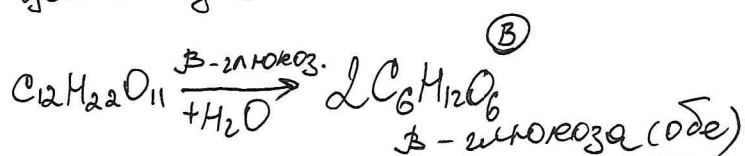
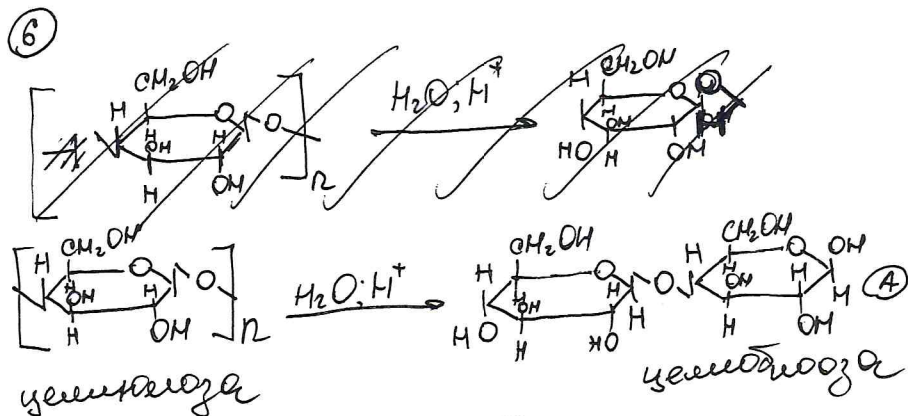
	кол-во	чел	итог	Σ
Нер. Н	9	1	9	(14)
Прот. Н	1	5	5	

$$w(\text{изобутан-1-хлор}) = \frac{9}{14} = 64,28\%$$

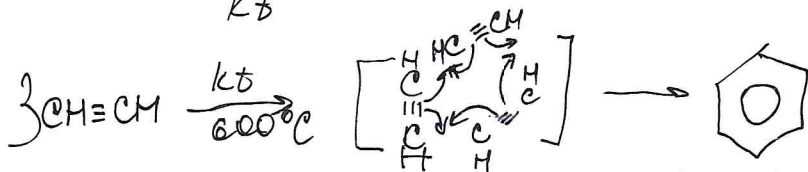
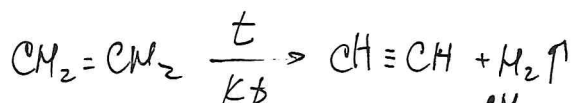
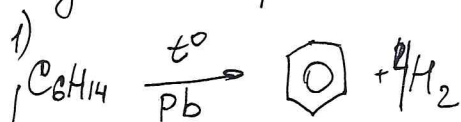
$$w(\text{2-хлоризобутан}) = \frac{5}{14} = 35,72\%$$

№2

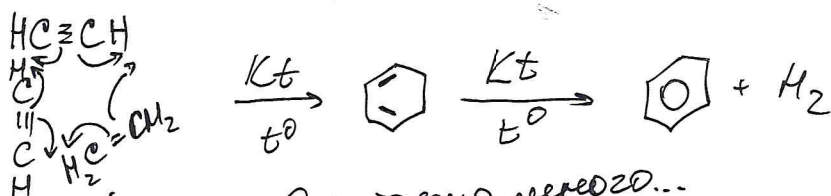
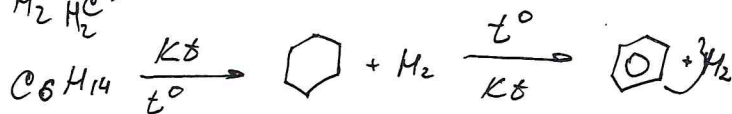
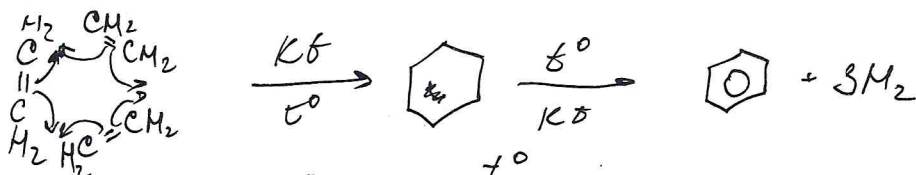
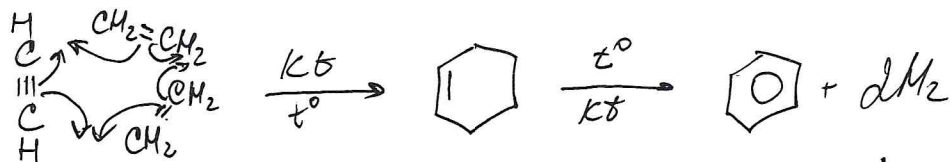
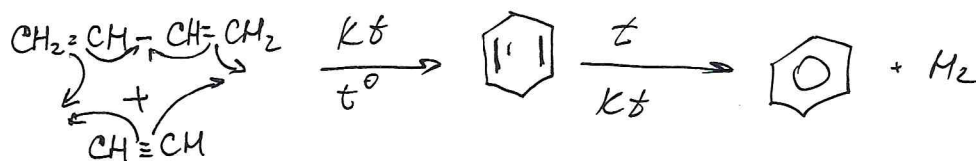




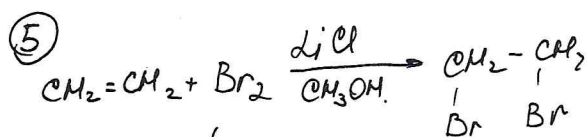
④ В условиях крекинга C_6H_{14} может терять водород и образовывать циклы



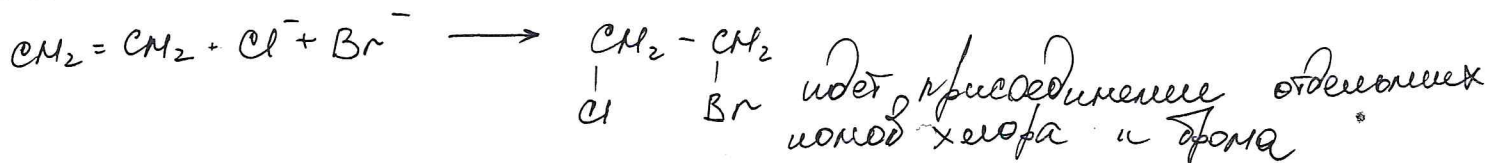
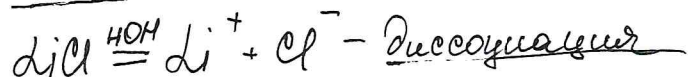
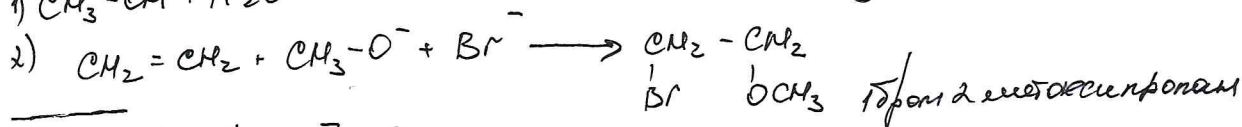
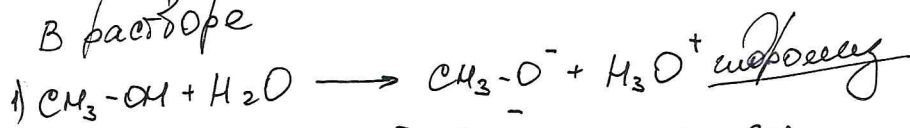
C_4H_{10} может также терять водороды и образовывать диен.



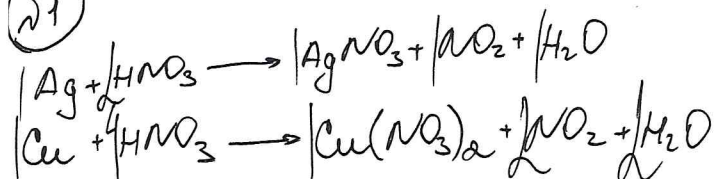
Вариантов достаточно много...



В растворе



51



Пусть x моль = $\nu(\text{Ag})$, а y моль = $\nu(\text{Cu})$

$$\begin{cases} 108x + 64y = 2,8 \\ 170x + 188y = 5,28 \end{cases}$$

$$\begin{aligned} 108x &= 2,8 - 64y \\ x &= \frac{2,8 - 64y}{108} \end{aligned}$$

$$\begin{aligned} x &= 0,026 - 0,6y \\ 170(0,026 - 0,6y) + 188y &= 5,28 \end{aligned}$$

$$4,42 - 102y + 188y = 5,28$$

$$86y = 0,86$$

$$y = 0,01 \text{ моль}$$

$$\begin{aligned} \text{тогда } x &= 0,026 - 0,006 \\ x &= 0,02 \text{ моль} \end{aligned}$$

$$\begin{aligned} m(\text{Ag}) &= 0,02 \cdot 108 = 2,16 \text{ г} ; w(\text{Ag}) = \frac{2,16}{2,81} \cdot 100\% = 77,14\% \\ m(\text{Cu}) &= 0,01 \cdot 64 = 0,64 \text{ г} ; w(\text{Cu}) = \frac{0,64}{2,81} \cdot 100\% = 22,86\% \end{aligned}$$

7

