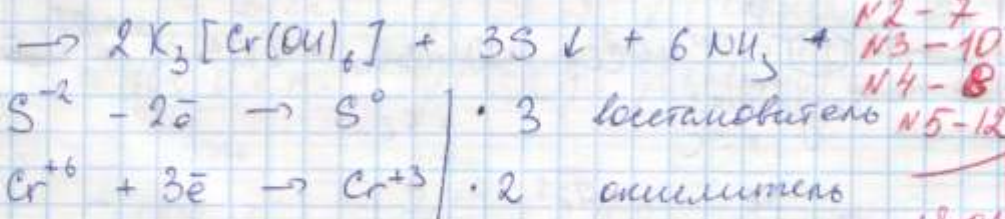
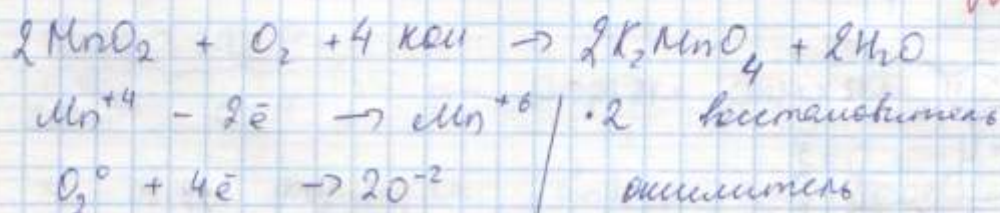


Задача 1 Мошкова Согрин Илья Руданова Ильинский Кеберова 1144-11
 $3(\text{NH}_4)_2\text{S} + \text{K}_2\text{Cr}_2\text{O}_7 + 2\text{KOH} + 2\text{H}_2\text{O} \rightarrow$



1144-11 57



Задача 3

$$w(\text{C}) = 90,57\%$$

$$w(\text{H}) = 9,43\%$$

соотношения атомов в молекуле

$$\frac{w(\text{C})}{Ar(\text{C})} : \frac{w(\text{H})}{Ar(\text{H})} = 7,5475 : 9,43 =$$



$$= 1 : 1,25 = 4 : 5, \text{ т.к. } n \geq 6, \text{ формула } \text{C}_8\text{H}_{10}$$

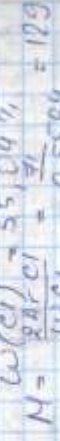
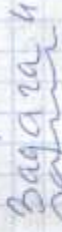
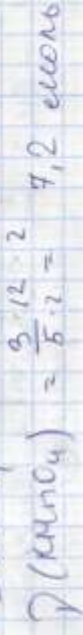
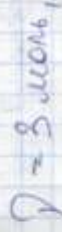
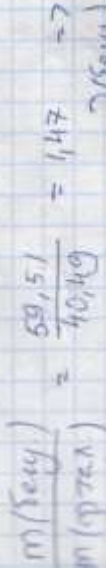
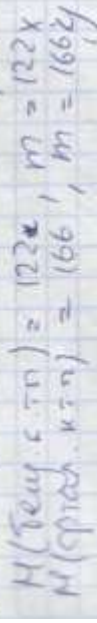
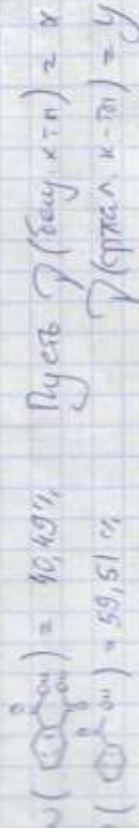
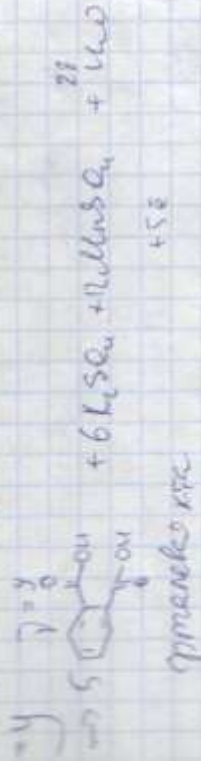
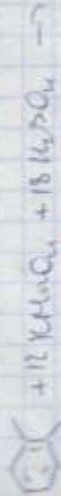
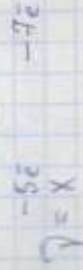
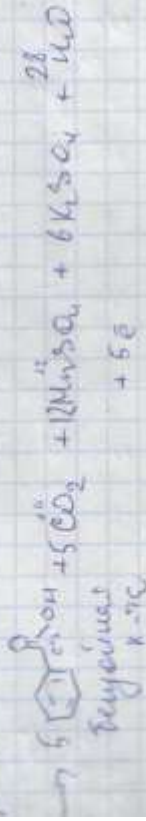
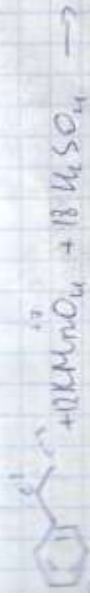
$$\text{C}_n\text{H}_{2n-6}$$

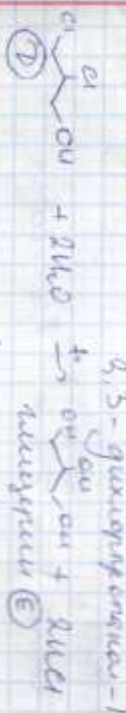
$$n \geq 6$$

$$D(\text{C}_8\text{H}_{10})_{\text{теор}} = 3,66$$

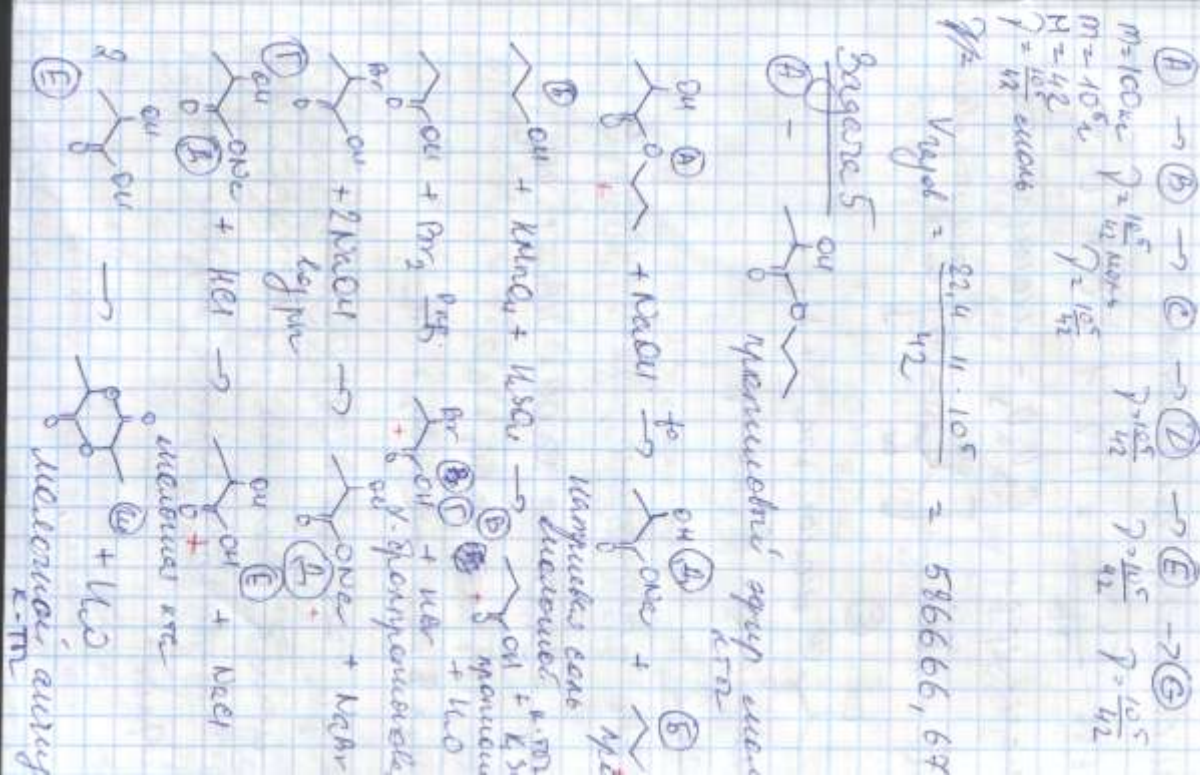
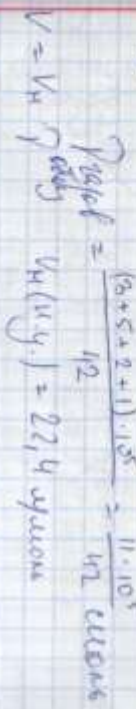
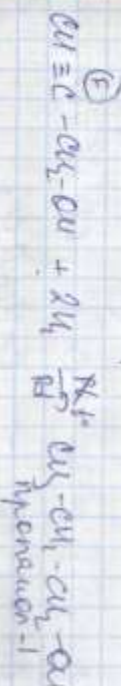
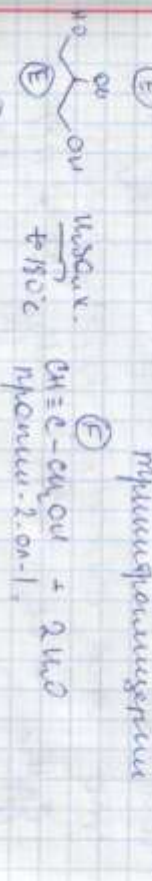
$$M = D \cdot M(\text{C}_8\text{H}_{10}) = 3,66 \cdot 29 \approx 106, \text{ что совп. с } \text{C}_8\text{H}_{10}$$

возможные изомеры:  этилбензол
 т.к. в результ. окисления  о-ксилол
 получается бензойная и фталевая к-ты, значит
 исходное ур-е - этилбензол и о-ксилол





1) реакция 2) 6 тетрамеров (пропан-2-ол)
 м.т. 114



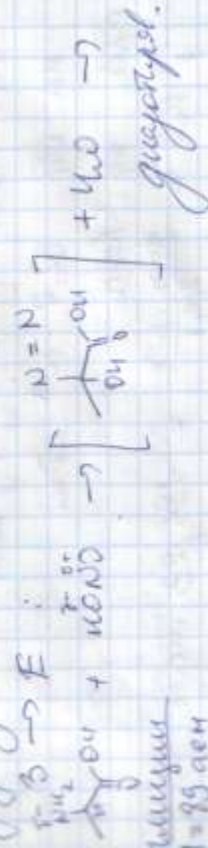
Unmold

1) Бүгүнөө саят. мөнгөсүмүзү

1,945 kcal NaBH_4 in 1,217 kcal

nomine for fuerit, non perit &
dicitur 5

January 5



Answers

 $l = 25 \text{ aem}$

0-445

 $\sigma = 0.05$ means

submerged 1-11

$$N = 90 \text{ g. o. m.}$$
$$\gamma = 0,05 \text{ елем}$$
$$100 \div 4 = 25$$

