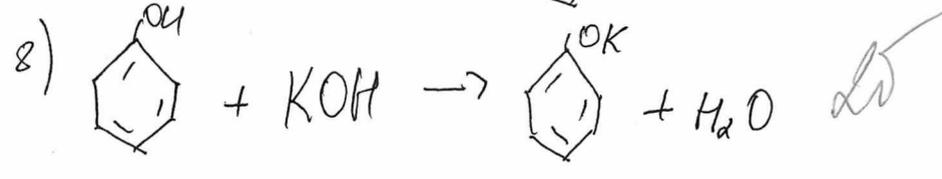
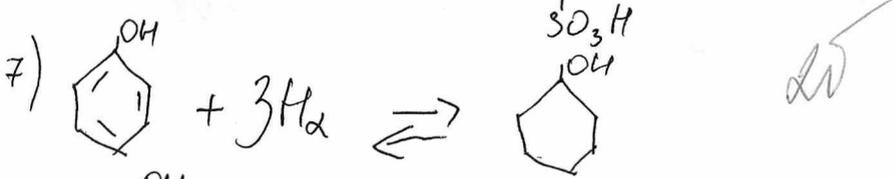
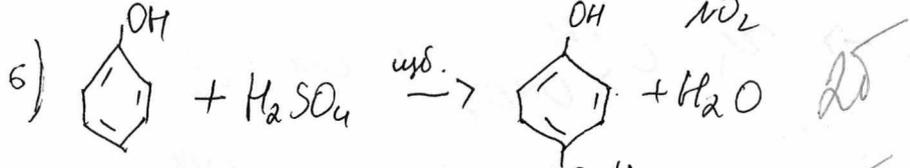
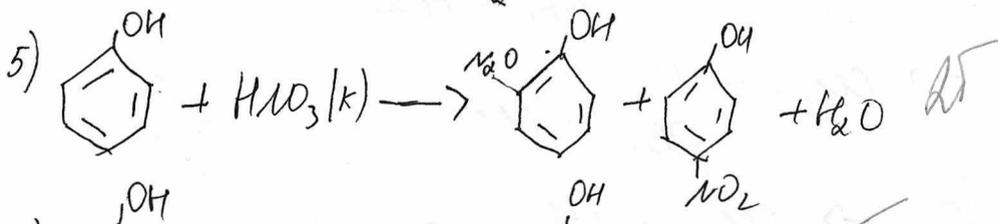
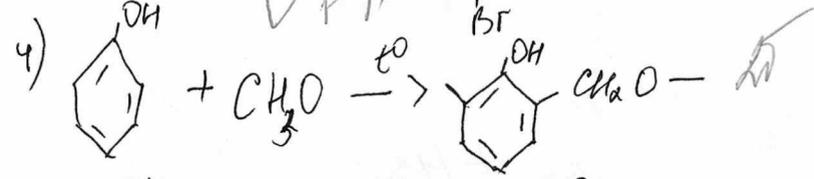
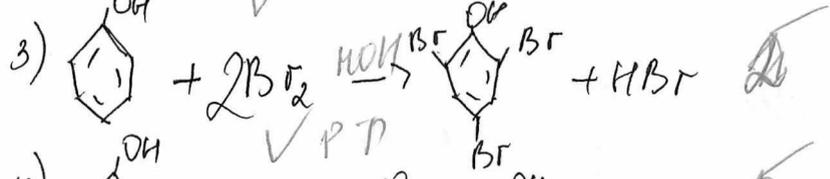
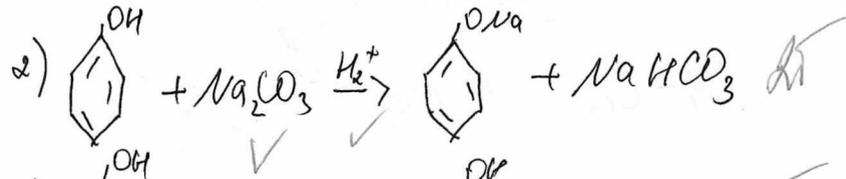
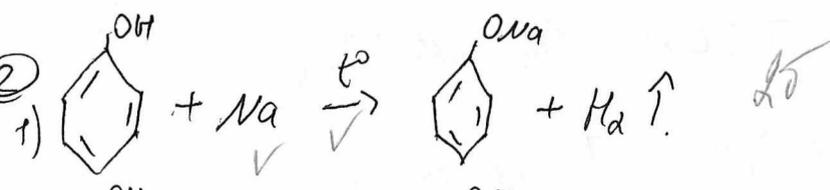


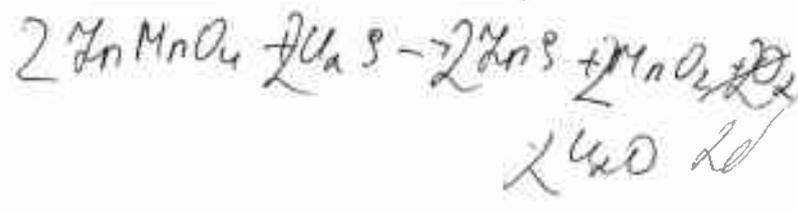
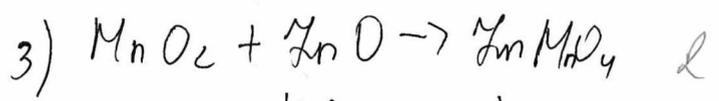
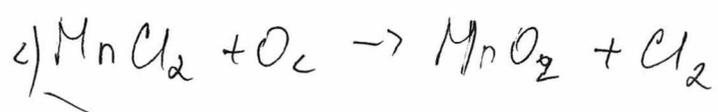
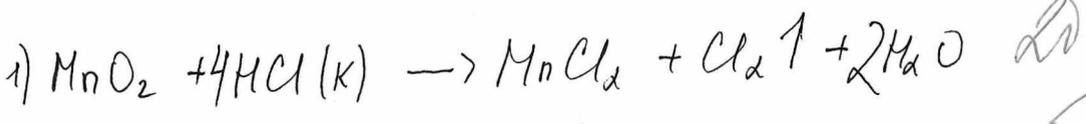
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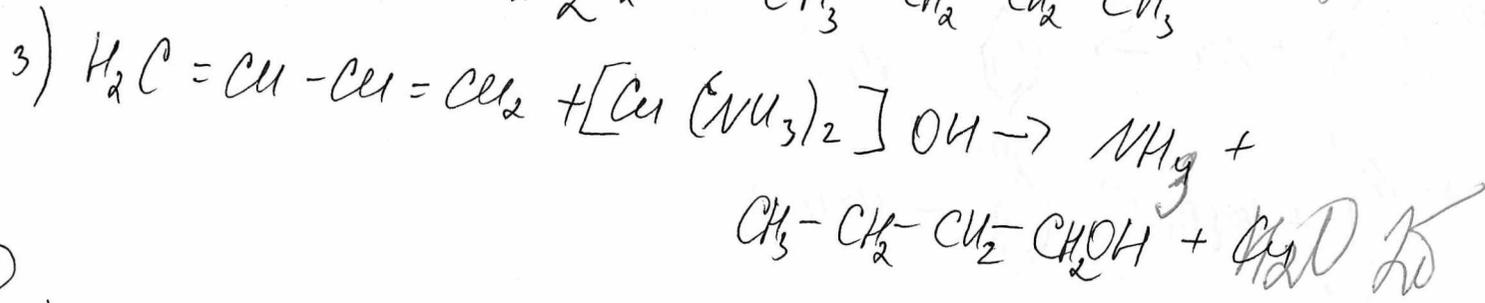
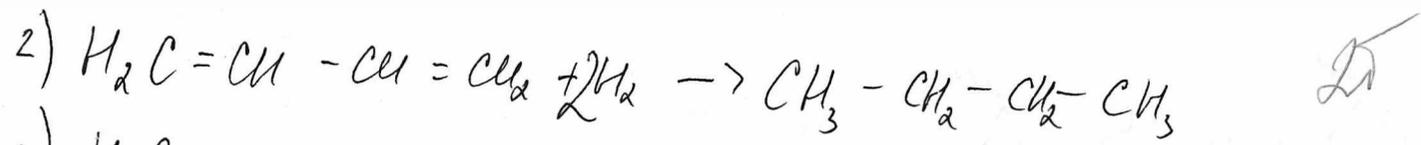
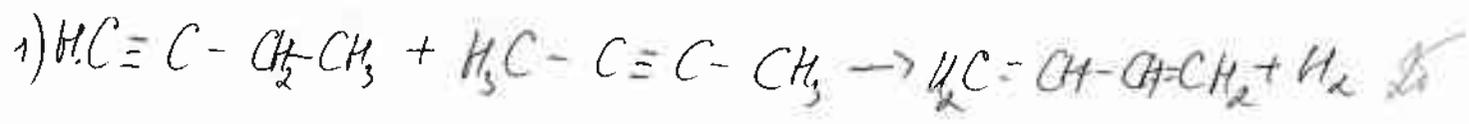
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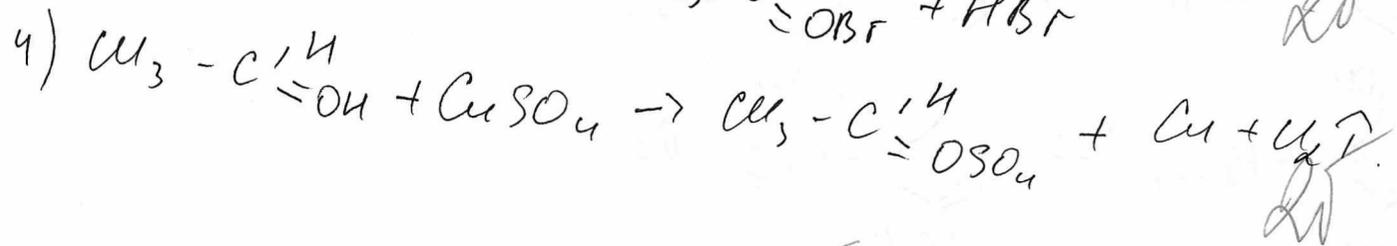
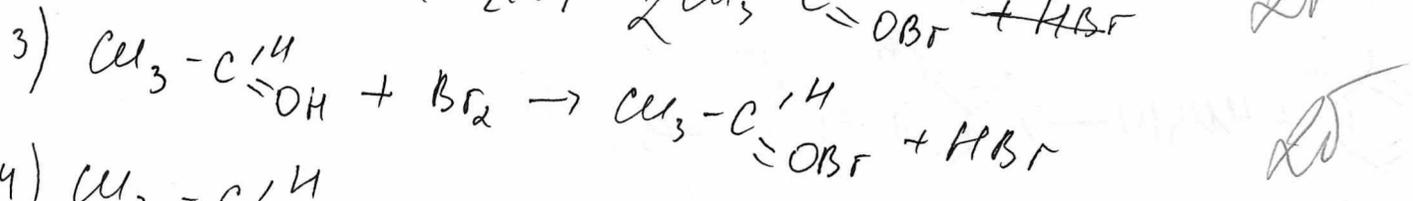
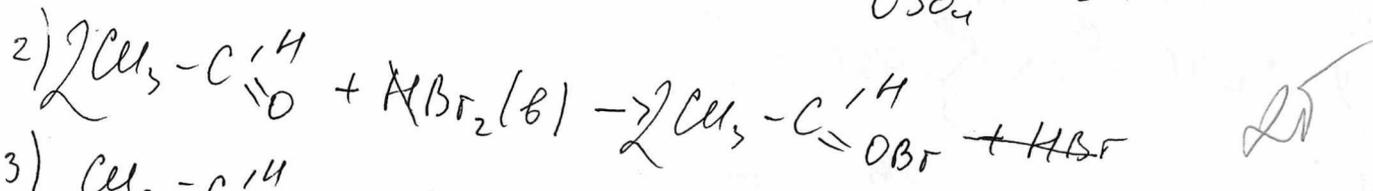
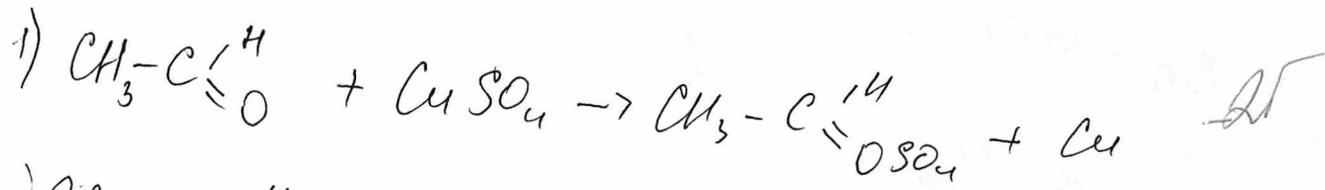
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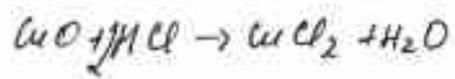
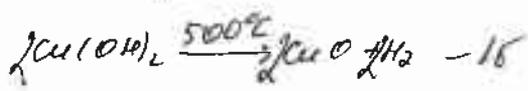
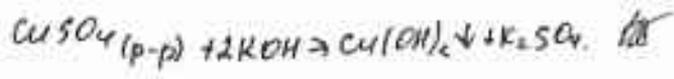
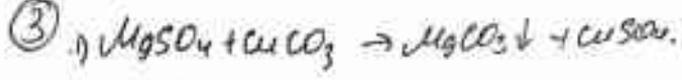
4



5



40 min.



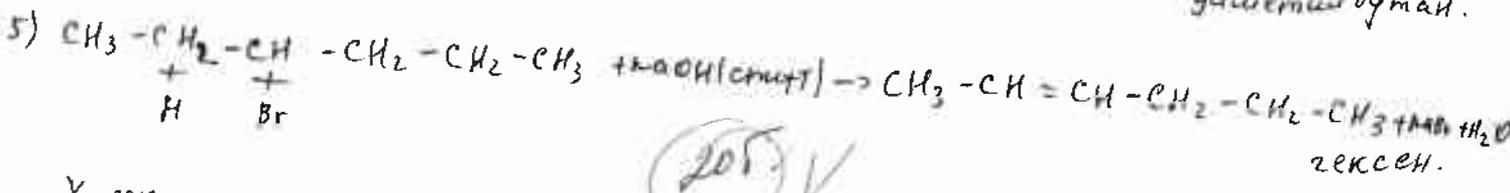
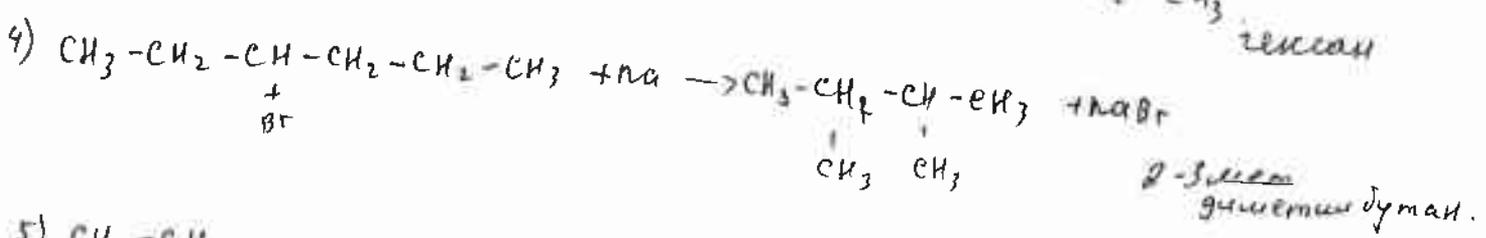
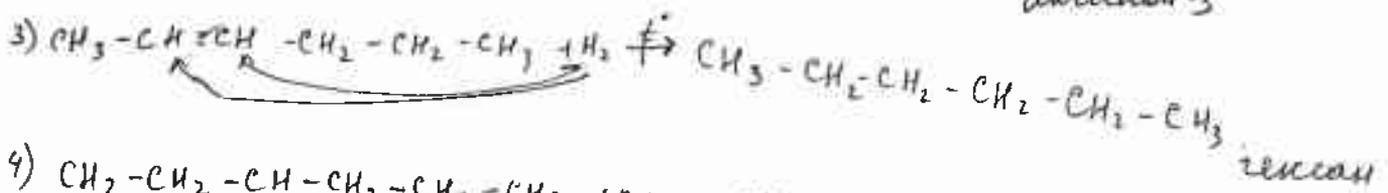
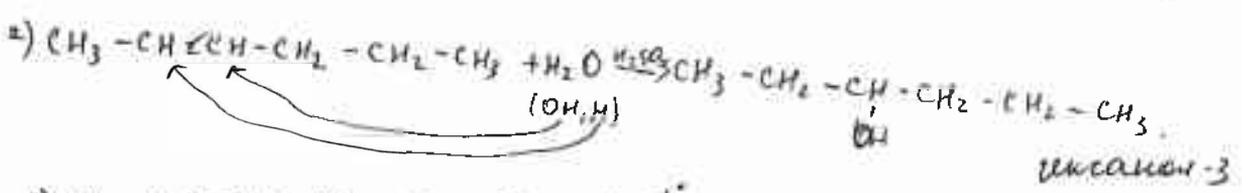
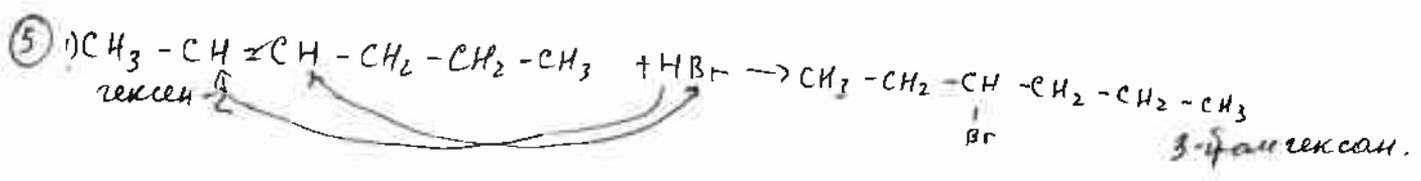
2) $m(CuCO_3) = M \cdot \nu = 124 \cdot 0,14 = 17,36 \text{ грам.}$

$\nu(CuCO_3) = \frac{m}{M} = \frac{17,36 \text{ г}}{124 \text{ грам}} = 0,1412 \text{ моль.}$

3) $\frac{29,2 \text{ г.}}{x} = \frac{100 \text{ г.}}{102 \text{ г.}}$

$10(29,2) = 100x$
 $292 = 100x$
 $x = 2,92$

20г ✓



20г ✓

- X - гексен
- A - 3-бромгексан
- B - гексанол-3
- B - гексан

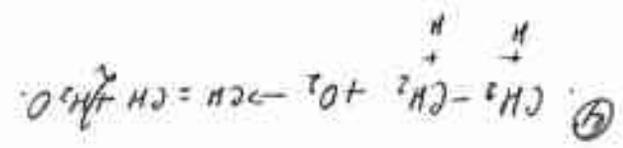
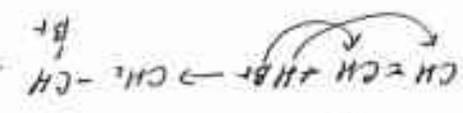
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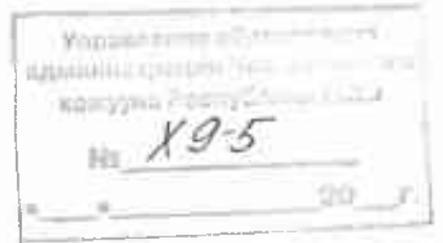
+ ?

589

58

anderen: diese glysem 9.11.11.





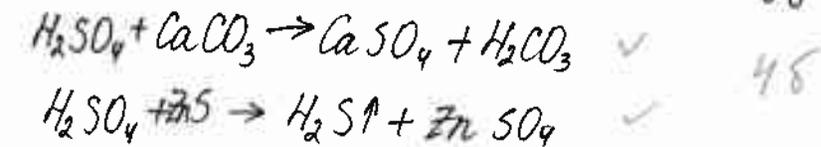
- (1) 1. цинк ✓
 2. серебро ✓ 6б
 3. железо ✓
 1. $Zn + HNO_3 \rightarrow Zn(NO_3)_2 + H_2 \uparrow + NO_2 \uparrow$ 1б
 2. $Zn + HCl \rightarrow ZnCl_2 + H_2 \uparrow$ ✓ 2б
 3. $Zn + 2NaOH \rightarrow Zn(OH)_2 + 2Na \downarrow$
 4. $2Ag + 2HNO_3 \rightarrow 2AgNO_3 + H_2 \uparrow + NO_2 \uparrow$ 1б
 5. $Fe + 2HCl \rightarrow FeCl_2 + H_2 \uparrow$ ✓ 2б
 2. А. NaOH ✓

- Б. H_2O ✓ 6б
 В. HCl ✓
 Г. серебро ✓
 $NaOH + HCl \rightarrow NaCl + H_2O$ 3б
 $Ag + NaOH \rightarrow NaAgO \downarrow + H_2 \uparrow$ —
 $Ag + HClO \rightarrow AgCl \downarrow + H_2O$ —

3. $N_2^0 + H_2^0 \rightarrow NH_3^{+1}$ ✓ 4б
 $NH_3^{+1} + F_2^0 \rightarrow NH_4^{+1} F^{-1}$ —
 $NH_4 F + K = KF + NH_3$ —



4. Нет, стаканчики после завершения реакции не останутся в равновесии, так как пар испарится. Второй стаканчик будет легче.



5. 1. Zn 0б
 2.
 3. они хорошо используются

805

- ① А - 2, 3, 6, 9. ✓
 Б - 4, 1, 8, 10. ✓
 В - 8, 5, 7. ✓

② Наименьшая: KNO_3 . w %
 Наибольшая: NH_4NO_3, K_2NO_3 . об

$M_r = M_{прим}$

№ п/п	Название вещества	Формула	Молярная масса г/моль
1)	Кислород ✓	O_2 ✓	32 г/моль ✓
2)	Углерод Водород	C_2H_4	52 г/моль
3)	Углерод, Кислород	$C^{12}O_2^{16}$	56 г/моль
4)	Водород, Хлороводород	HCl	36,5 г/моль
5)	Азот, Водород	NH_3	17 г/моль
6)	Хлор	Cl_2	71 г/моль

④ $22,4 \cdot 8,96 = 200,704$ — об

- ⑤ 1) NK —
 2) N_2 ✓
 3) ON_2 ✓
 4) ON ✓
 5) NK —

③ Азот, азотная кислота, оксид азота, оксид азота,
 $\Sigma = 2R^5$