

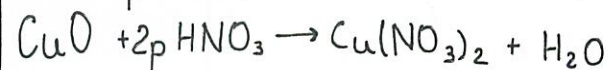
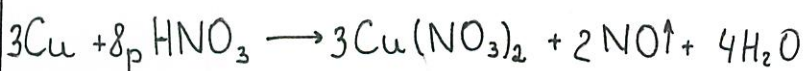


Задача	1	2	3	4	5	6	Σ		Подпись
							Цифрой	Прописью	
Оценка	5	4	3	1	3	1	17	семнадцать	

1) Дано:

$m(\text{смесь}) = 62$
 $V(\text{NO}) = 1,12 \text{ л}$
н.у.

$\omega(\text{CuO}) = ?$



$$V(\text{NO}) = \frac{1,12 \text{ л}}{22,4 \text{ л/моль}} = 0,05 \text{ моль}$$

По уравнению хим. реакции:

$$V(\text{Cu}) = \frac{V(\text{NO}) \cdot 3}{2} = 0,075 \text{ моль}$$

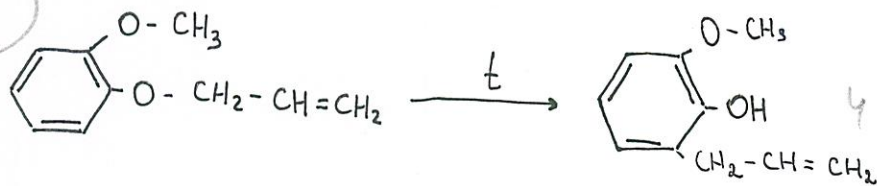
$$m(\text{Cu}) = 0,075 \text{ моль} \cdot 64 \text{ г/моль} = 4,8 \text{ г}$$

$$m(\text{CuO}) = 1,2 \text{ г}$$

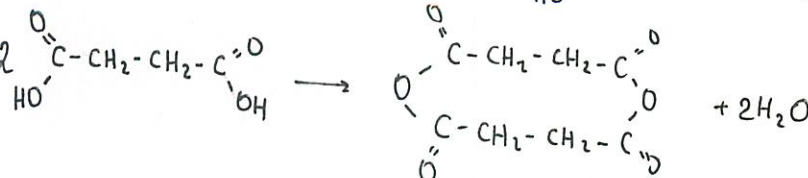
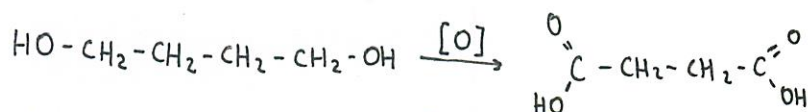
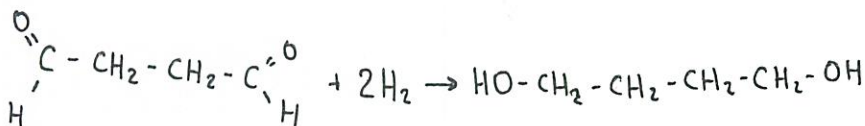
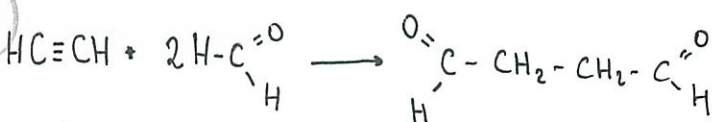
$$\omega(\text{CuO}) = \frac{1,2 \cdot 100\%}{62} = 20\%$$

Ответ: $\omega(\text{CuO}) = 20\%$

2)

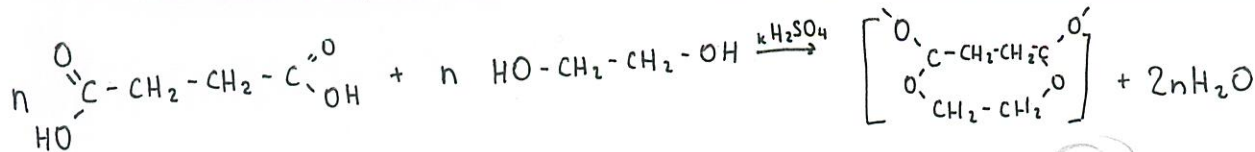


3)

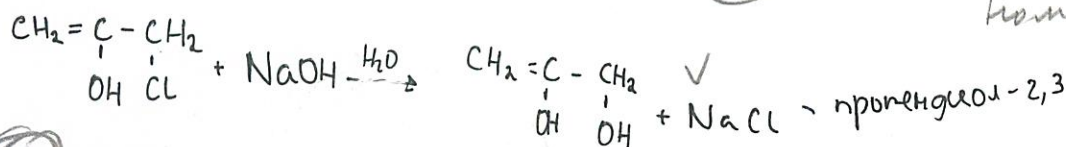
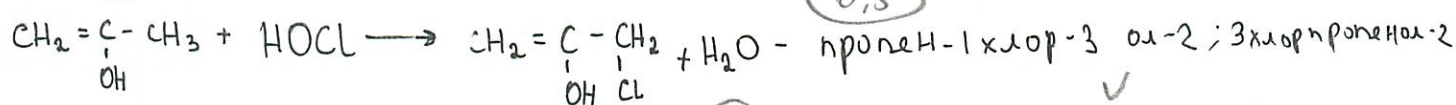
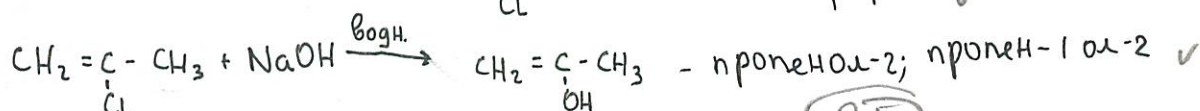
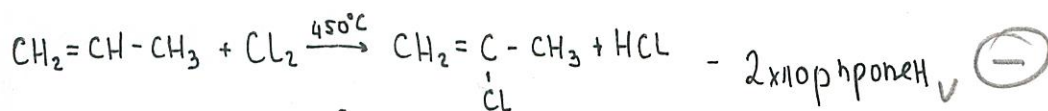


нет вариантов

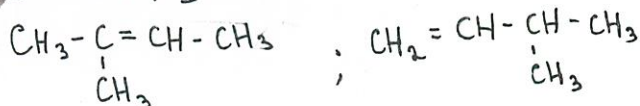
$\Sigma = 3$



4)



5 углеводороды C_5H_{10} :

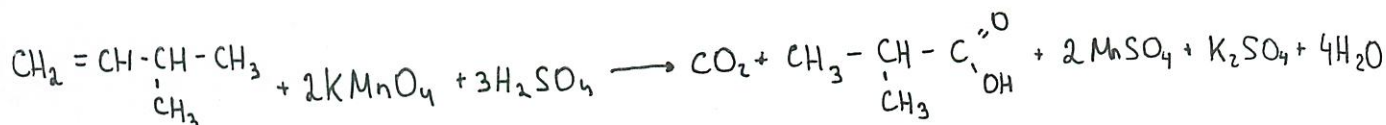
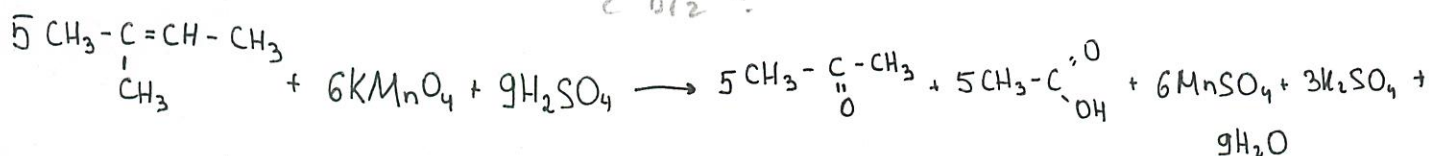


какая? ?

с Br_2 ?

3

6)



6.

