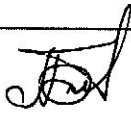
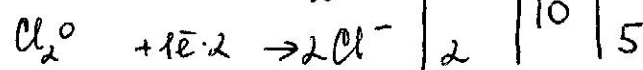
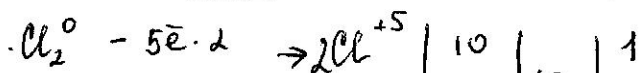
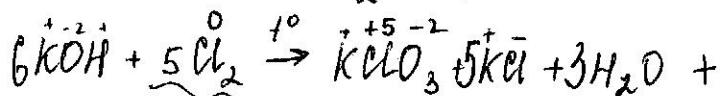
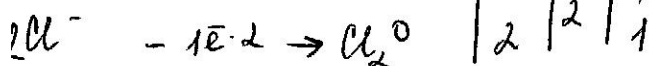
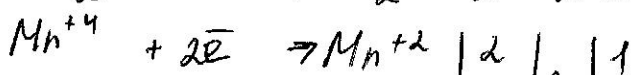
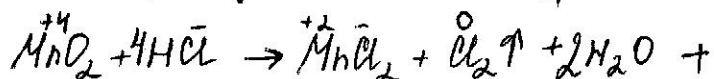
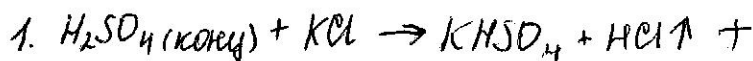


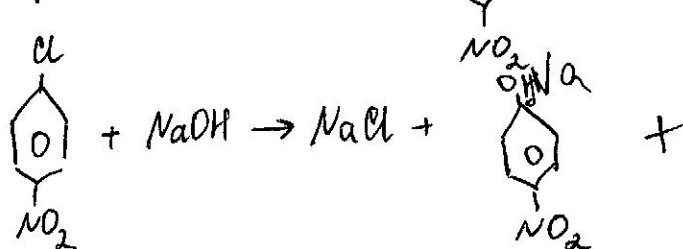
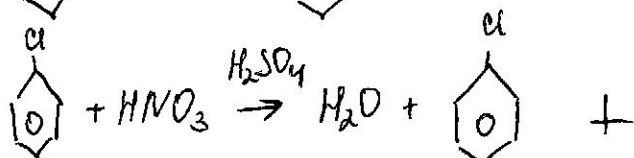
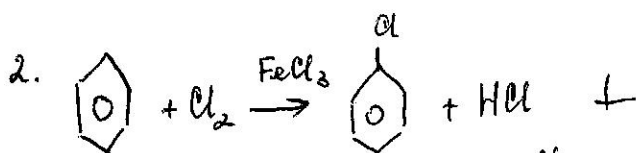
Класс 11 Вариант 2 Дата Олимпиады 24.02.18

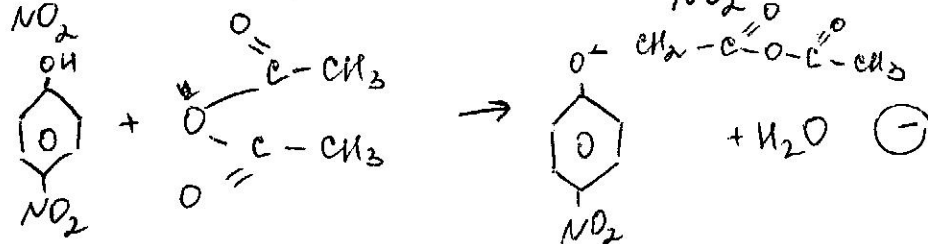
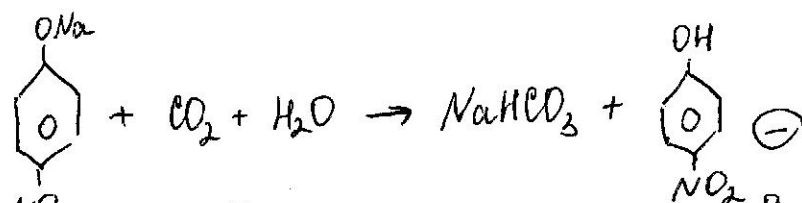
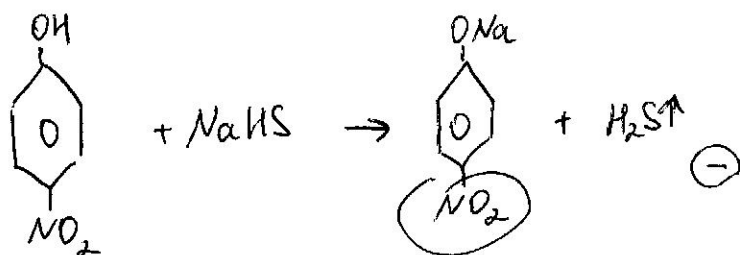
Площадка написания РГУ нефти и газа (НИУ) имени И.М. Губкина

Задача	1	2	3	4	5	6	Σ		Подпись
							Цифрой	Прописью	
Оценка	5	2	—	4,5	5	5	22	Двадцать два	

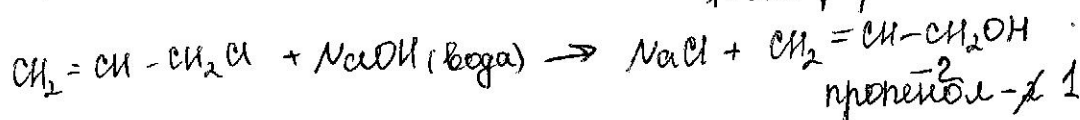
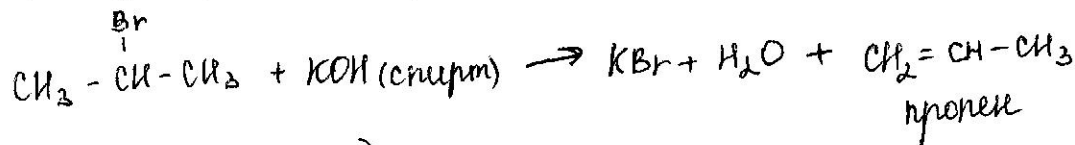
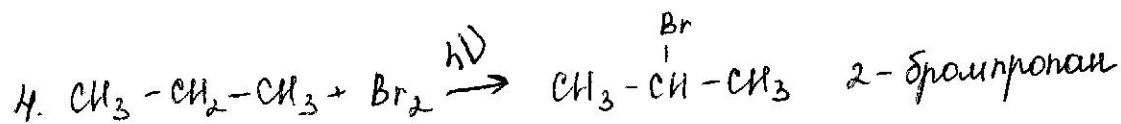


5

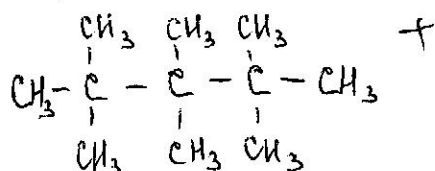




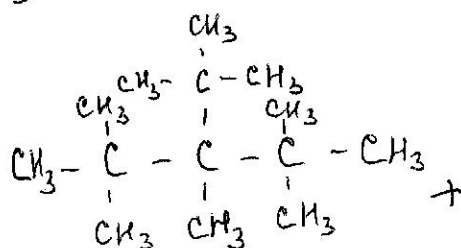
25



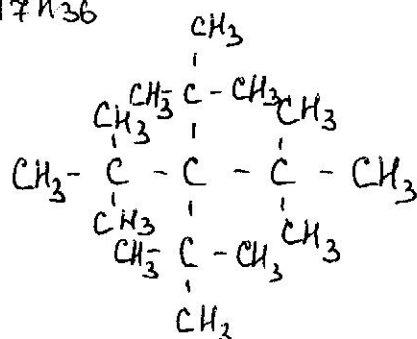
5. а) $\text{C}_{11}\text{H}_{24}$



б) $\text{C}_{14}\text{H}_{30}$



б) $\text{C}_{17}\text{H}_{36}$



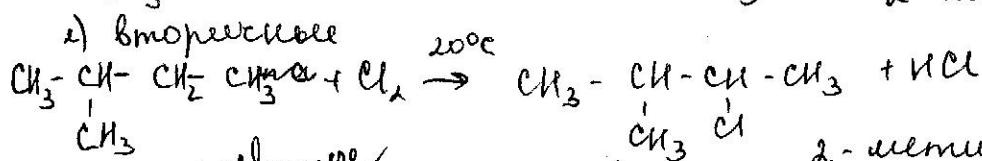
+ 56

1) третичные



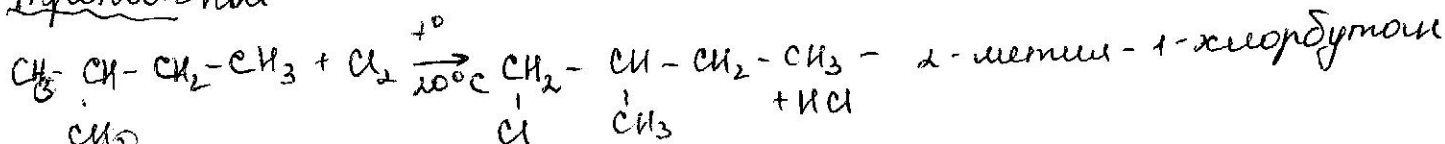
2-метил-2-хлорбутан

2) вторичные

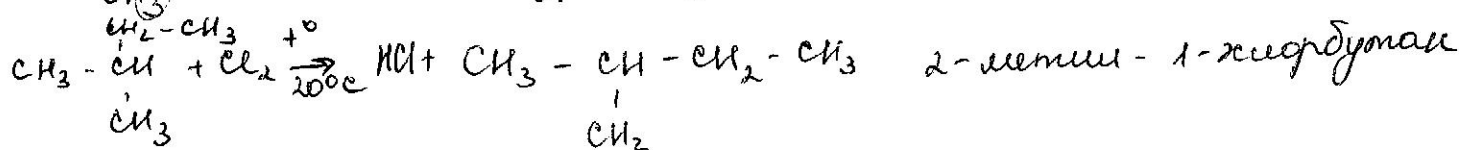


2-метил-3-хлорбутан

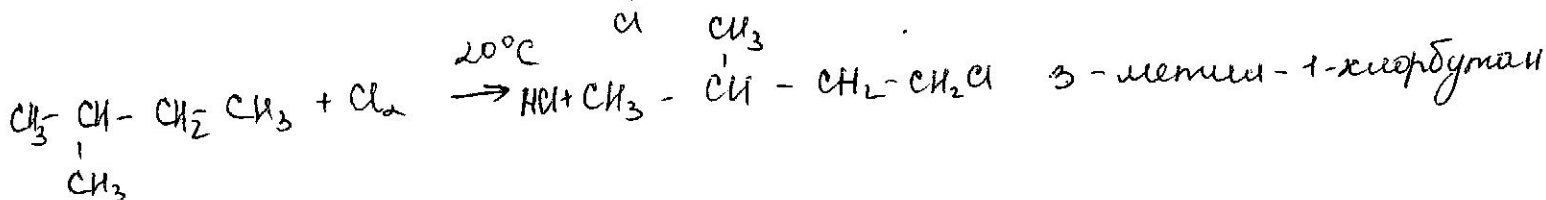
3) первичные



2-метил-1-хлорбутан



2-метил-1-хлорбутан



3-метил-1-хлорбутан

5:3,8:2;1

Состав: 1) 2-метил-2-хлорбутан $\frac{5}{11,8} \cdot 100\% = 42,37\%$

2) 2-метил-3-хлорбутан $\frac{3,8}{11,8} \cdot 100\% = 32,2\%$

3) 2-метил-1-хлорбутан $\frac{2}{11,8} \cdot 100\% = 16,95\%$

3-метил-1-хлорбутан $\frac{1}{11,8} \cdot 100\% = 8,48\%$

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