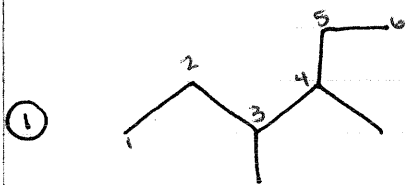


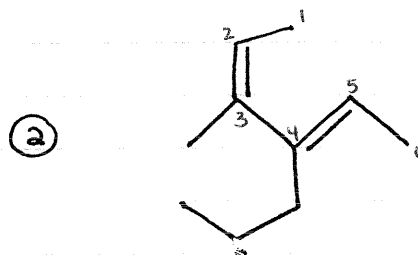
KEY

Organic Chemistry Review

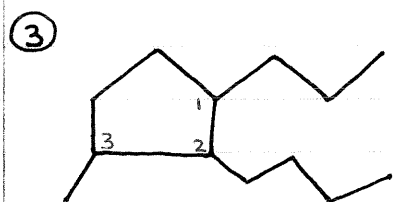
Name the following structures:



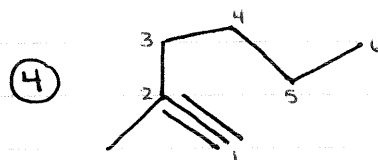
3,4 dimethyl hexane



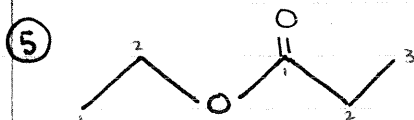
3 methyl 4 propyl hex-2,4 diene



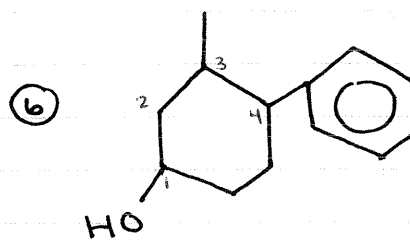
2 butyl 3 methyl propyl cyclopentane



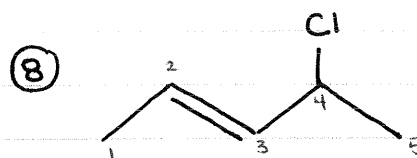
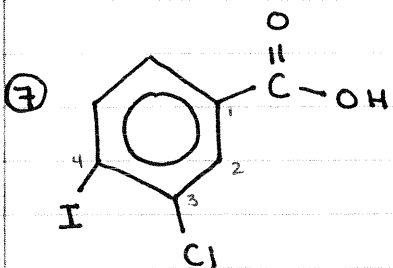
2 methyl hexyne



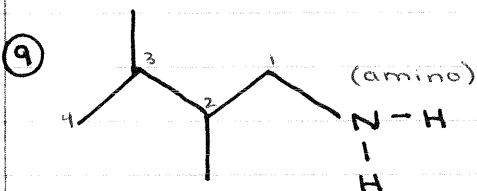
ethyl propanoate



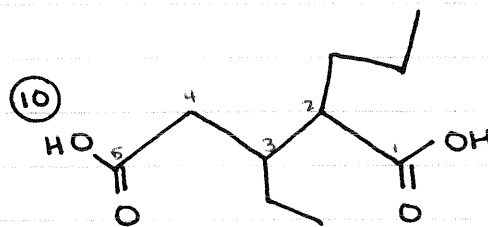
3 methyl 4 phenyl cyclohexanol



4 chloro pent-2-ene



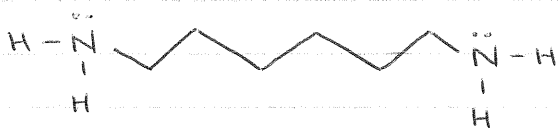
1 amino 2,3 dimethyl
butane



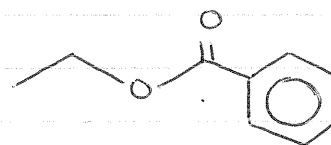
3 ethyl 2 propyl pentan 1,5 dioic
acid

Draw the following structures:

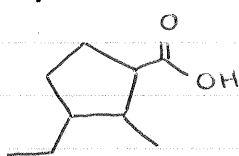
(11) 1,6 diamino hexane



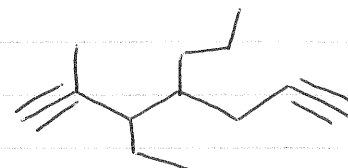
(12) ethyl benzoate



(13) 3 ethyl, 2 methyl cyclopentanoic acid

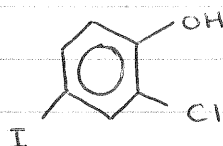


(14) 3 ethyl, 2 methyl, 4 propyl hept-1,7 diyne



and C has
5 bonds
(my bad)

(15) 2 chloro, 4 iodo phenol

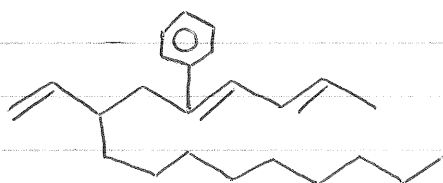


(16) 2 bromo cyclohexane

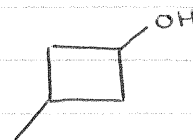


should
be 1 Br.

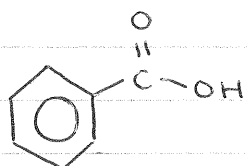
(17) 3 nonyl 5 phenyl
non-1,5,7 triene



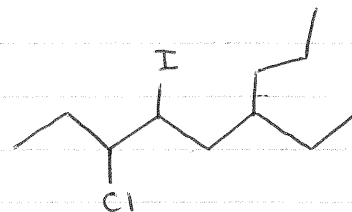
(18) 3 methyl cyclobutanol



(19) benzenoic acid



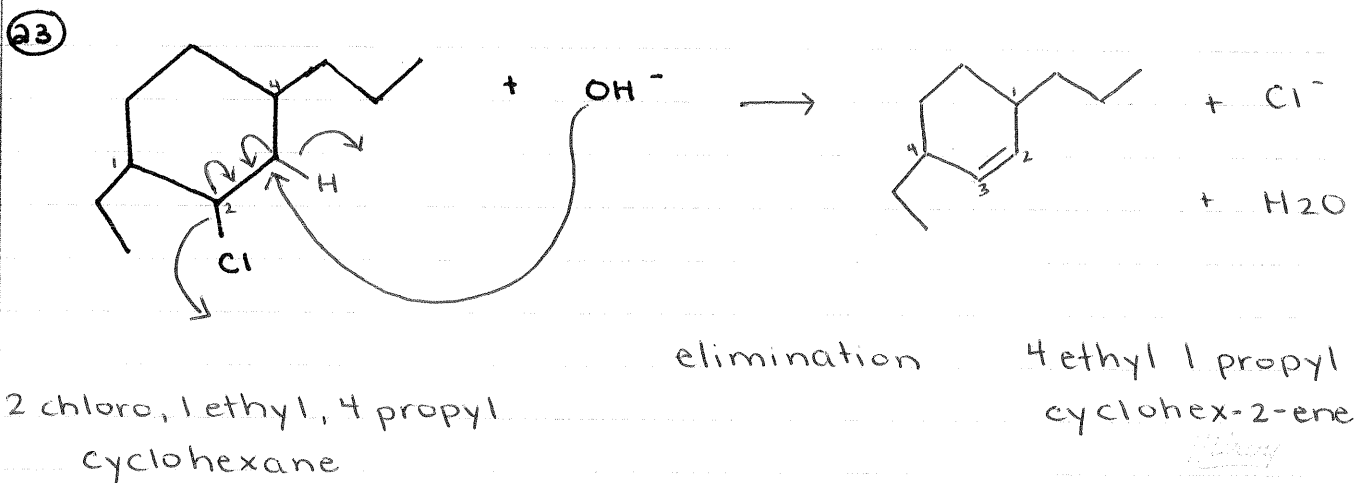
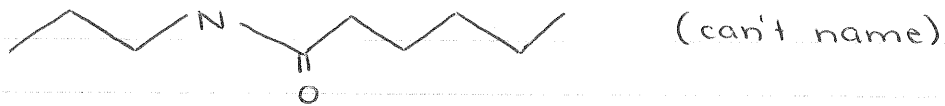
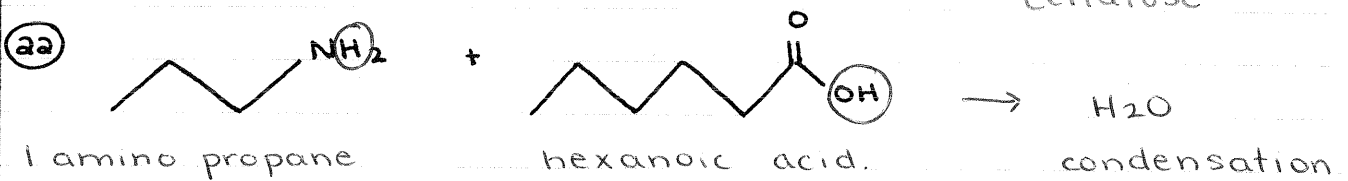
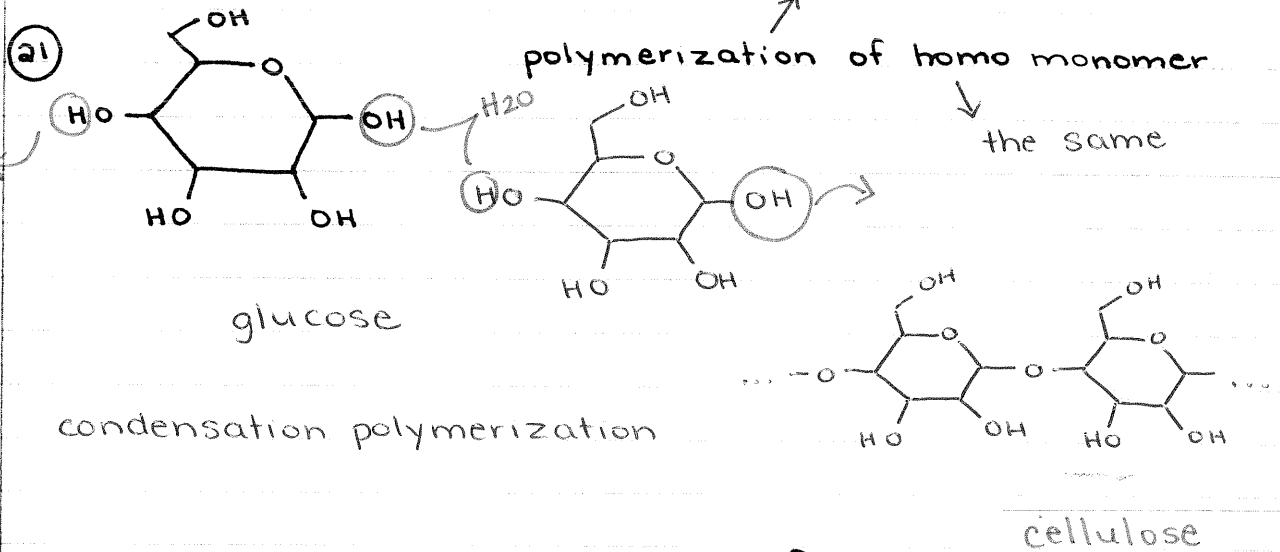
(20) 3 chloro, 4 iodo, 6 propyl
octane

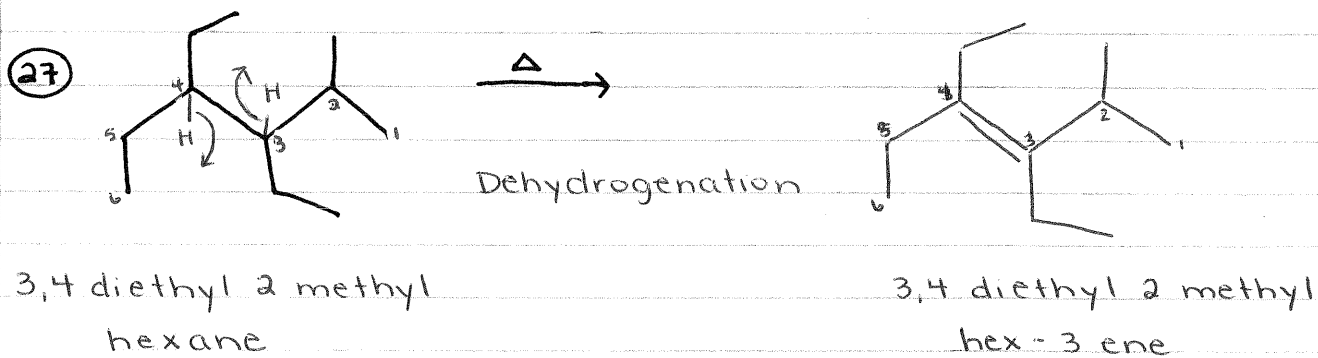
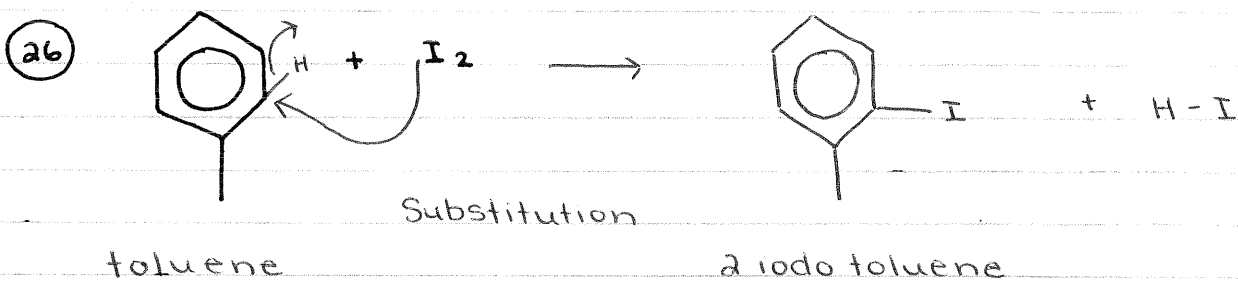
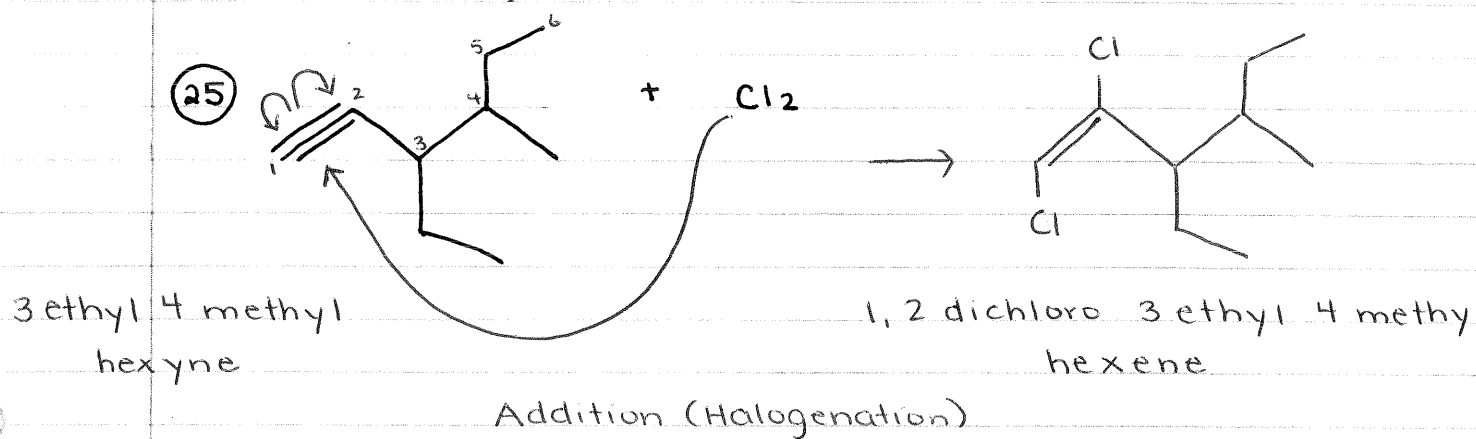
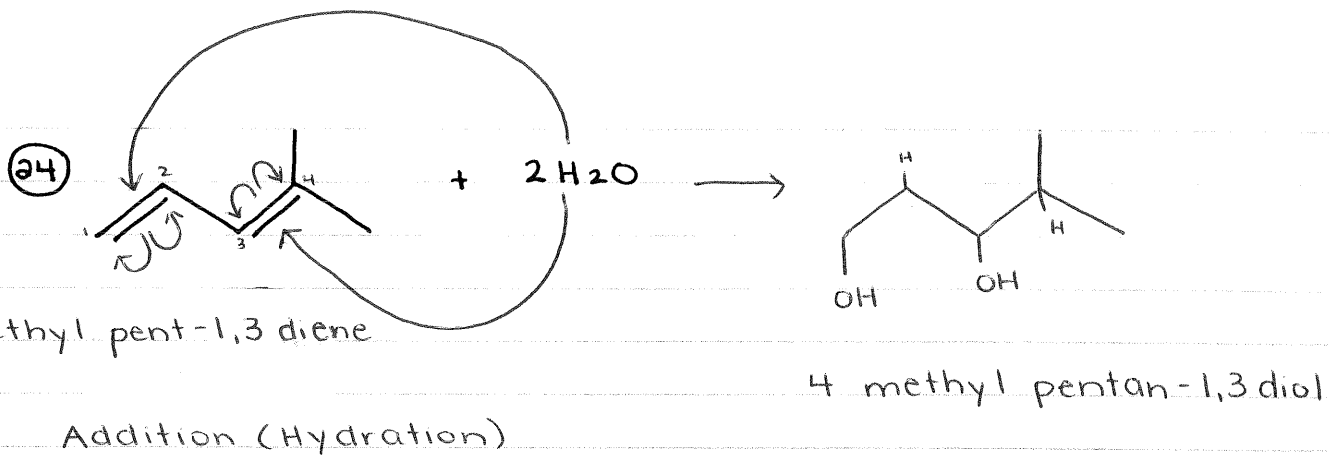


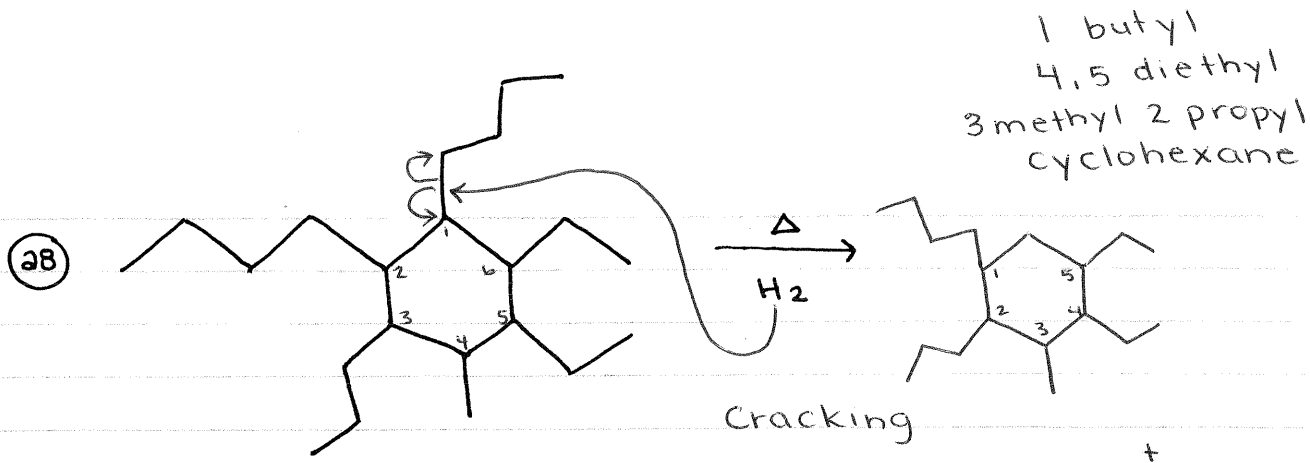
3 chloro
6 ethyl
4 iodo
nonane
Hilroy

For each of the following reactions

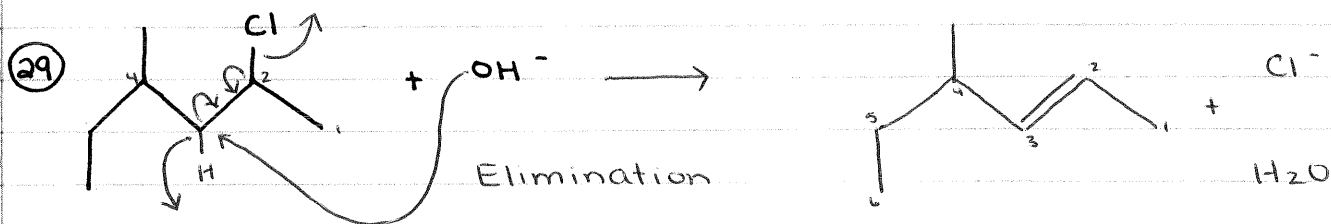
- ① name reactants
- ② name products
- ③ draw products
- ④ show reaction arrows
- ⑤ label the type of reaction.







1,2 dibutyl, 5,6 diethyl
4 methyl 3 propyl
cyclohexane



2 chloro 4 methyl hexane

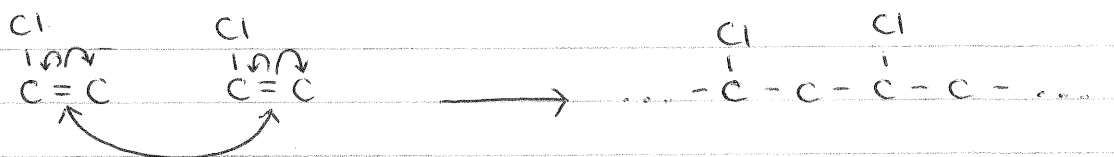
4 methyl hex-2-ene

30

$\begin{array}{c} \text{Cl} \\ | \\ \text{C} = \text{C} \end{array}$

polymerization of a homo monomer

need multiple of the same



vinyl chloride
(chloro ethene)

polyvinyl chloride

Addition Polymerization.