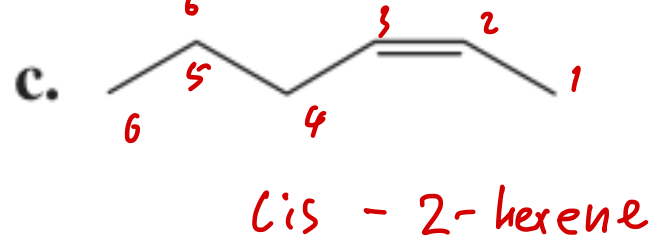
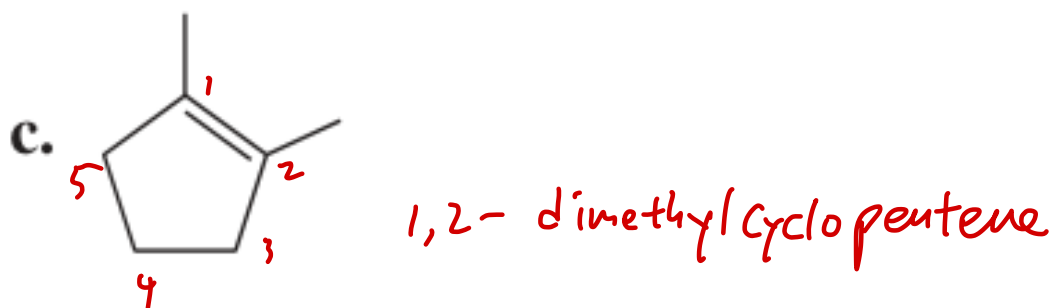
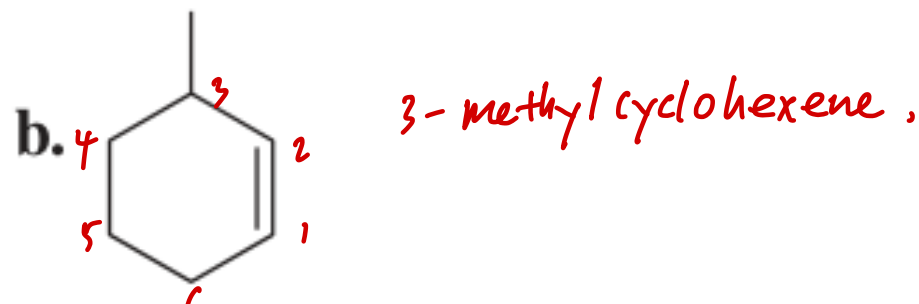
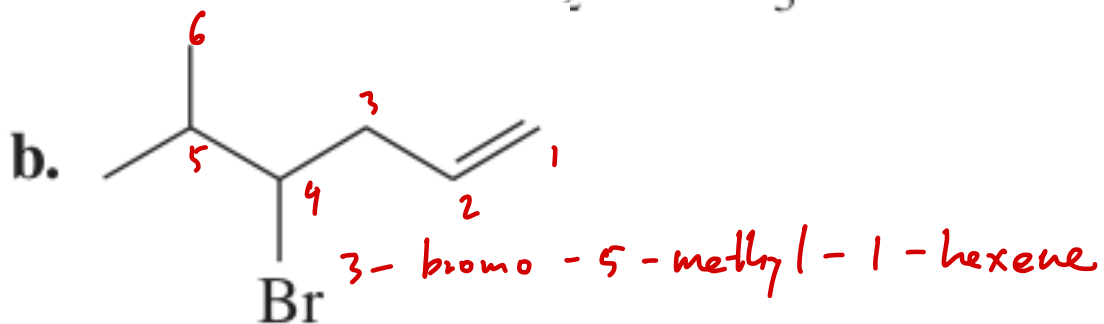
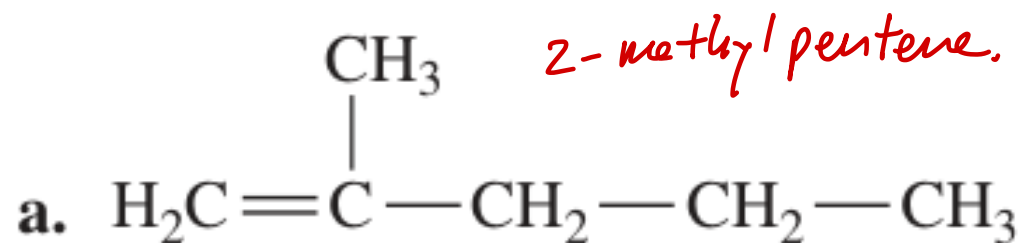
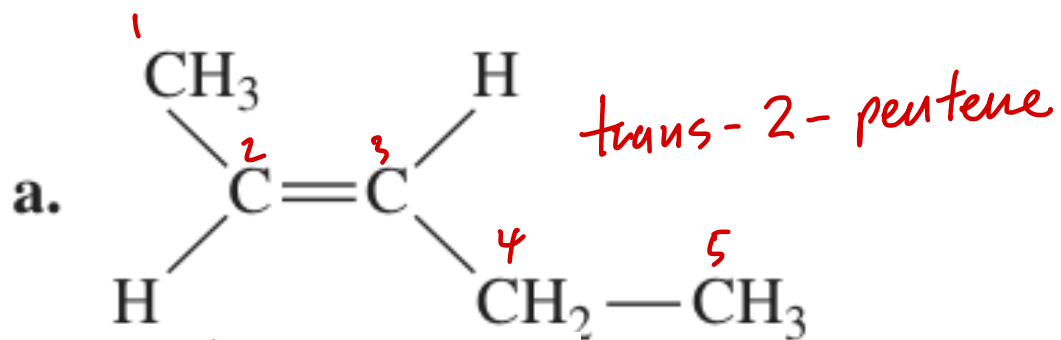


Chapter 11

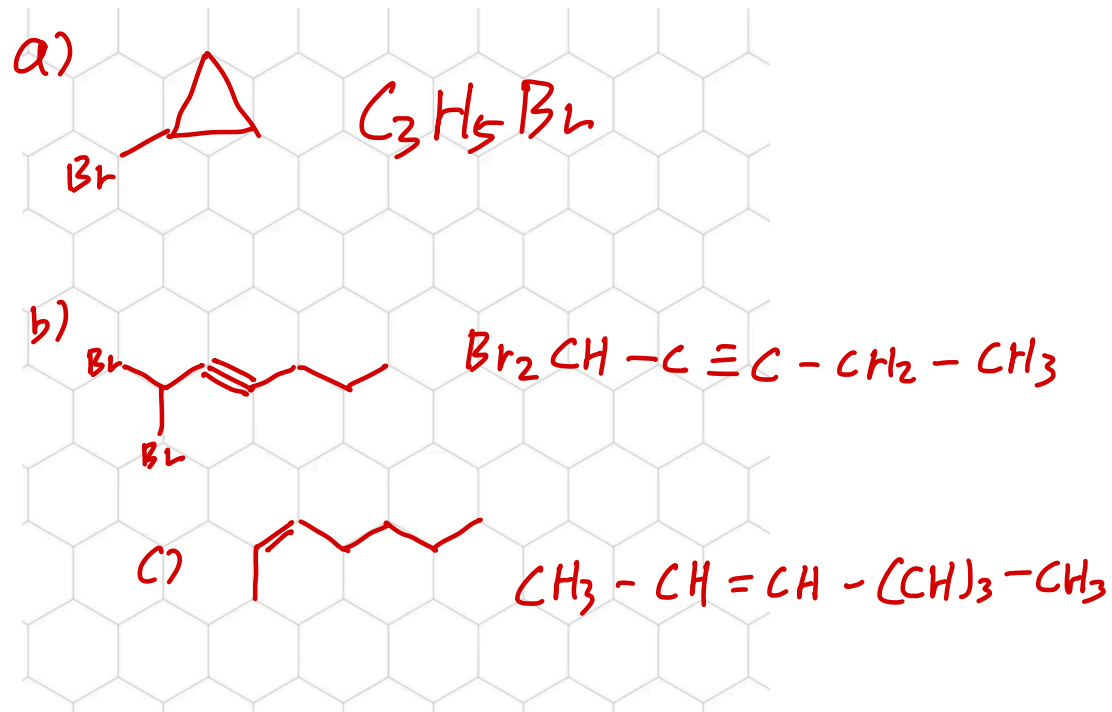
Worksheet

Give the IUPAC name (including cis or trans, if needed) for each of the following



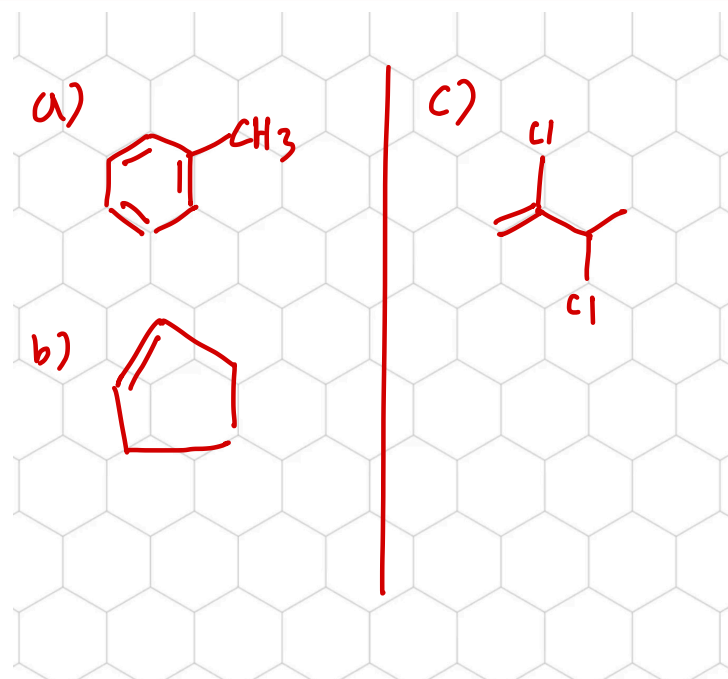
- Draw the condensed structural or line-angle formula if cyclic, for each of the following:

- bromocyclopropane
- 1,1-dibromo-2-pentyne
- cis-2-heptene



- Draw the skeletal formula for each of the following:

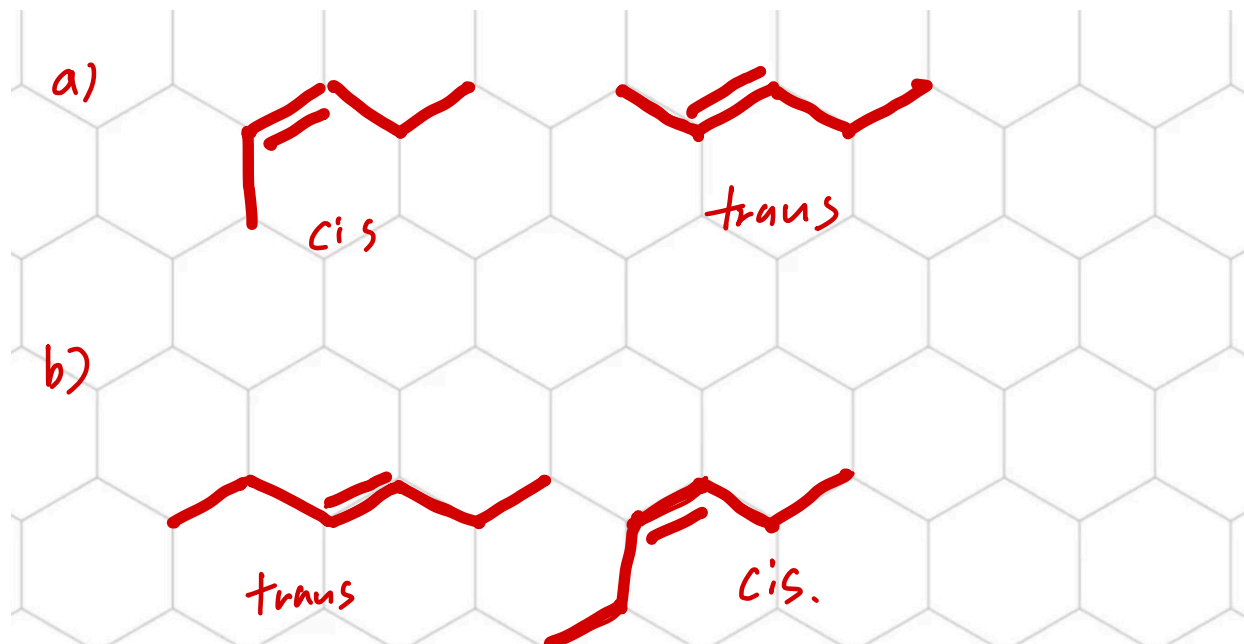
- toluene
- cyclopentene
- 2,3-dichloro-1-butene



- Draw the cis and trans isomers for each of the following:

a. 2-pentene

b. 3-hexene

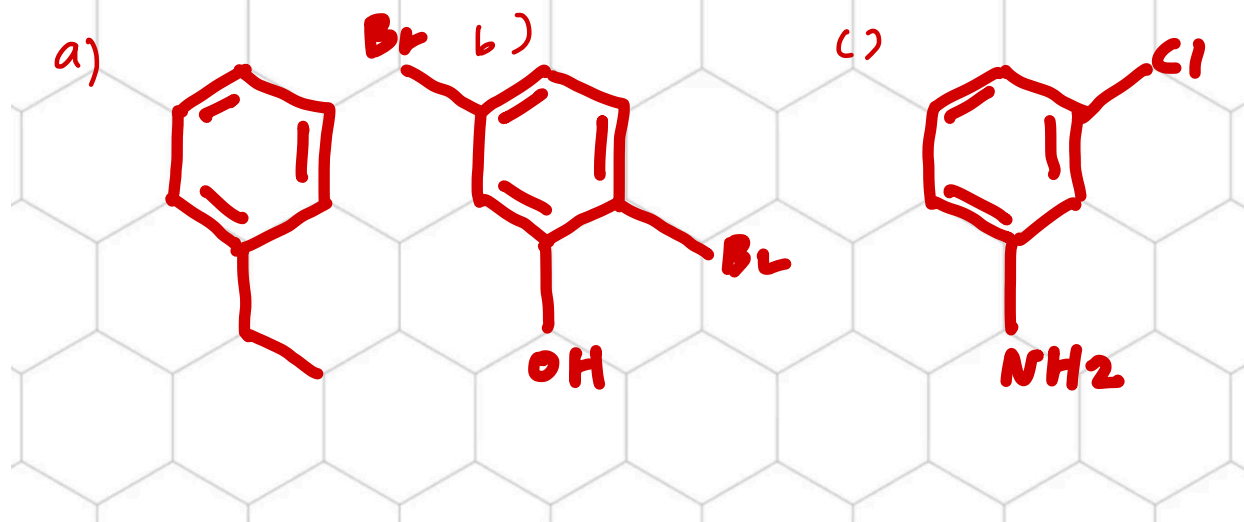


-
- Draw the line-angle formula for each of the following:

a. ethylbenzene

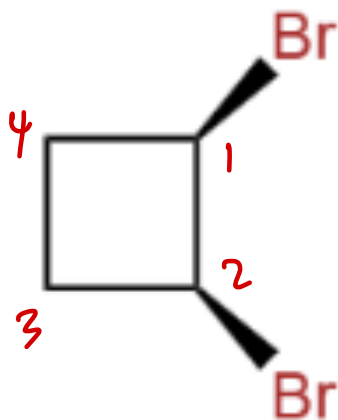
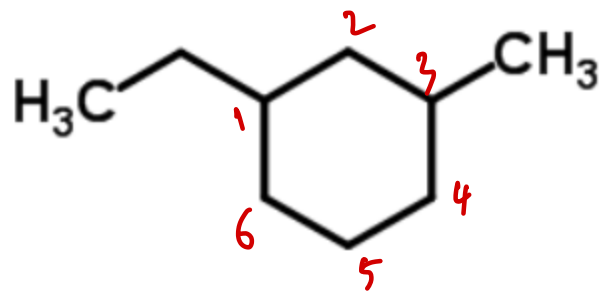
b. 2,5-dibromophenol

c. 3-chloroaniline



- Give the correct IUPAC name for each of the following cycloalkanes:

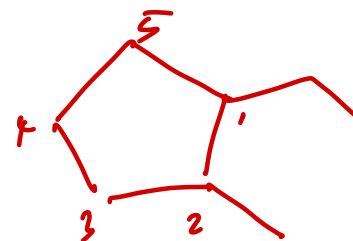
1-ethyl-3-methylcyclohexane



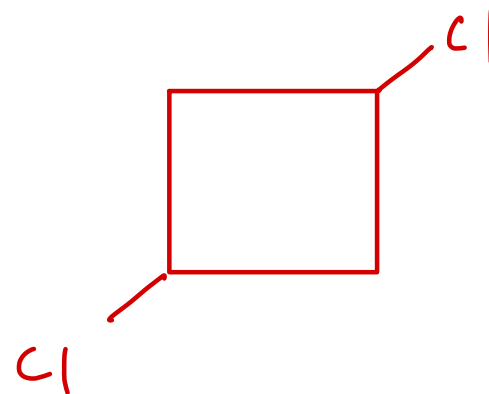
trans-1,2-dibromocyclobutane

- Draw the skeletal structure for the following:

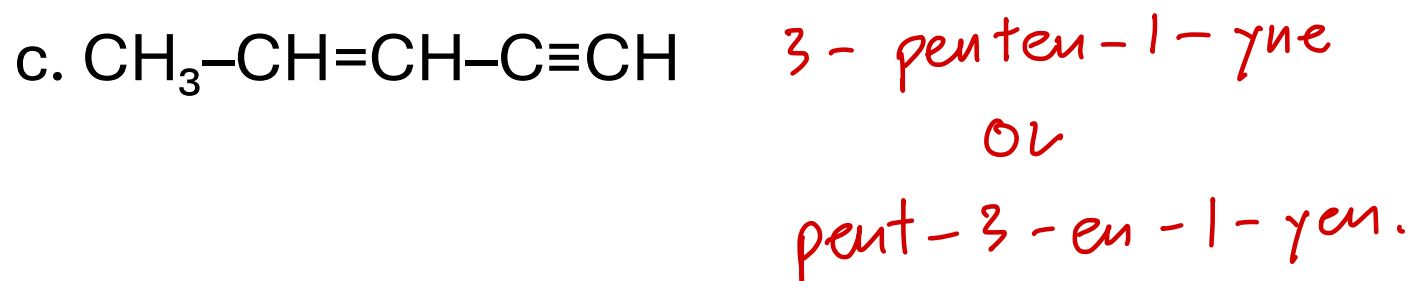
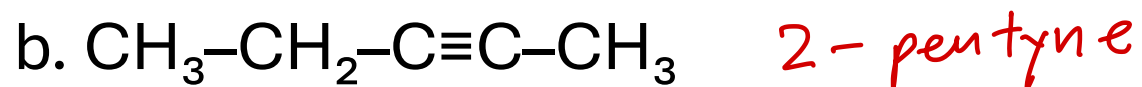
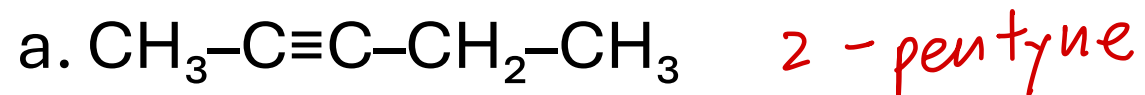
- a) 1-ethyl-2-methylcyclopentane



- b) 1,3-dichlorocyclobutane



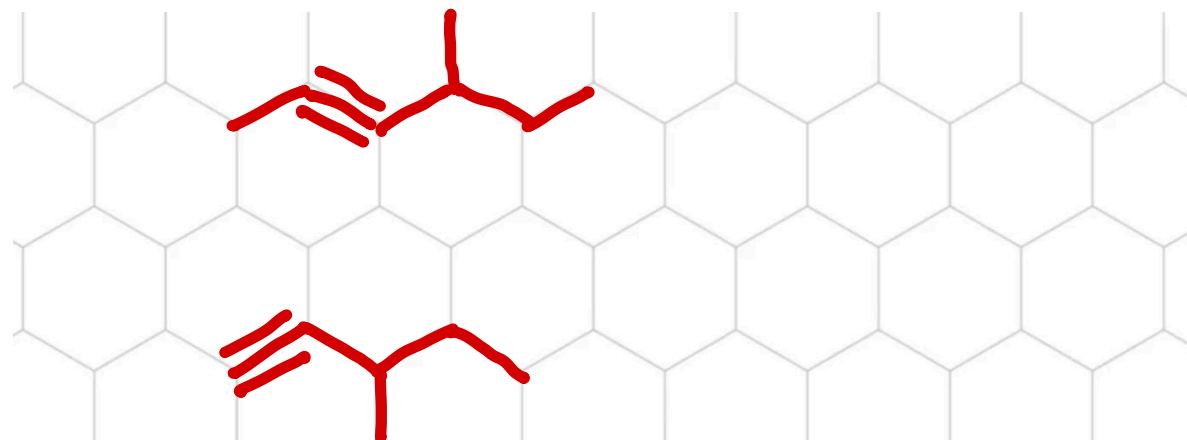
- Give the IUPAC name for each of the following:



- Draw the line-angle structure for:

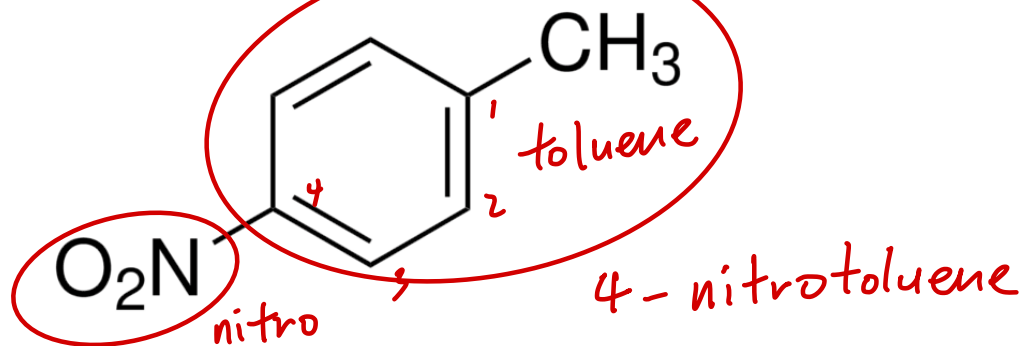
- 4-methyl-2-pentyne

- 3-methyl-1-pentyne

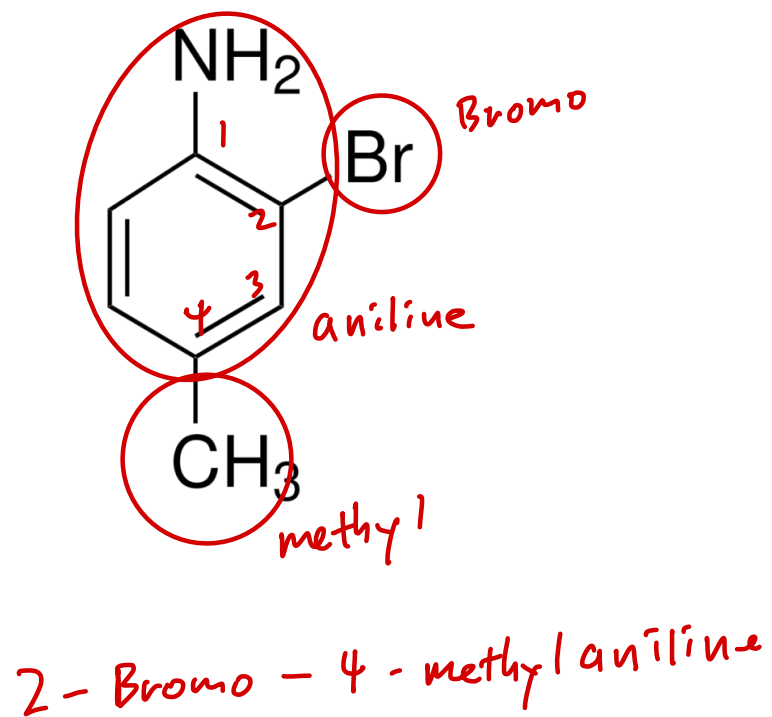


• Give the IUPAC name for each aromatic compound:

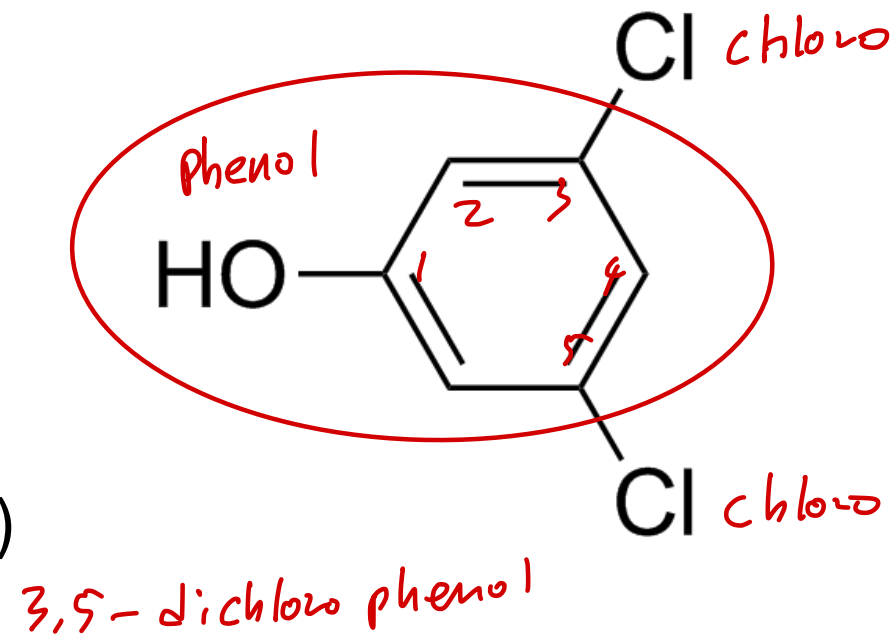
a)



b)

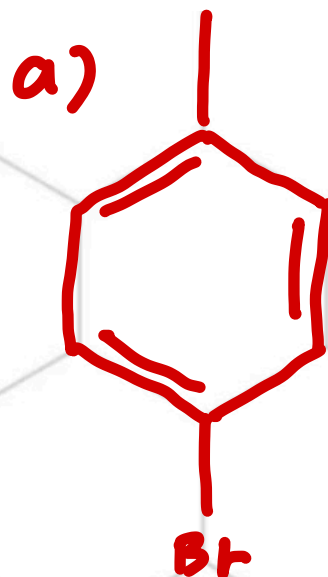


c)

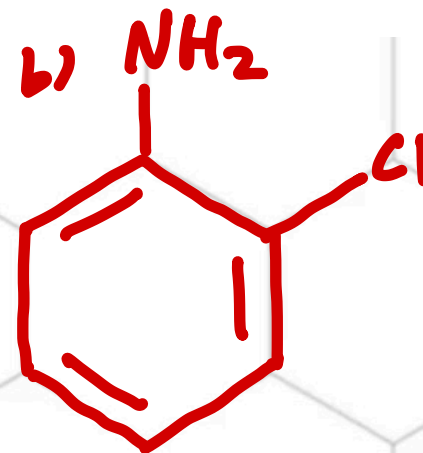


• Draw the skeletal structure for each of the following:

a) 4-bromotoluene



b) 2-chloroaniline



c) 3-nitrophenol

