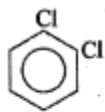
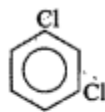


Write the structures and names of all the (a) dichlorinated and (b) trichlorinated derivatives of benzene.

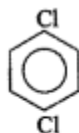
(a) There are three di-isomers:



1,2-Dichlorobenzene
or
o-Dichlorobenzene

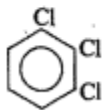


1,3-Dichlorobenzene
or
m-Dichlorobenzene

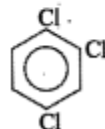


1,4-Dichlorobenzene
or
p-Dichlorobenzene

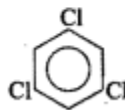
(b) There are three tri-isomers:



1,2,3-Trichlorobenzene



1,2,4-Trichlorobenzene



1,3,5-Trichlorobenzene