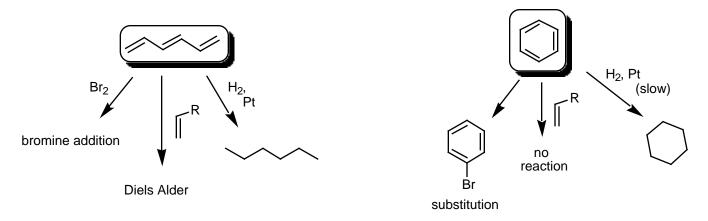
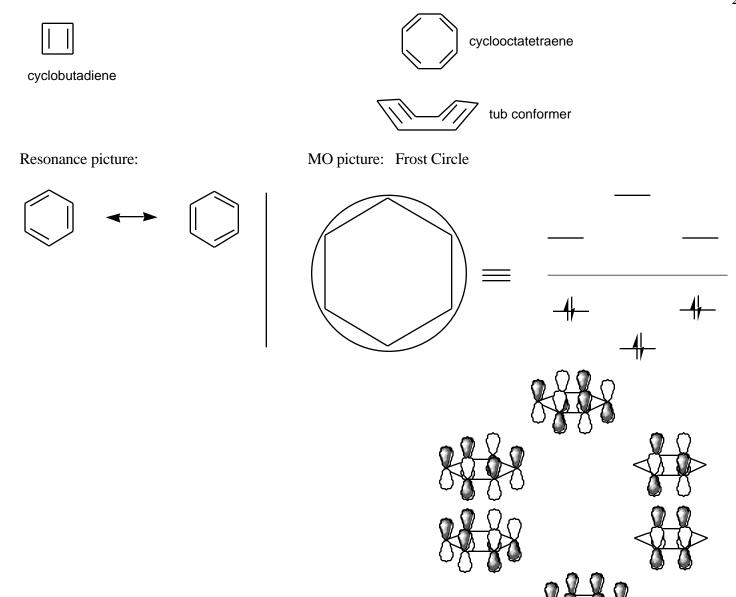


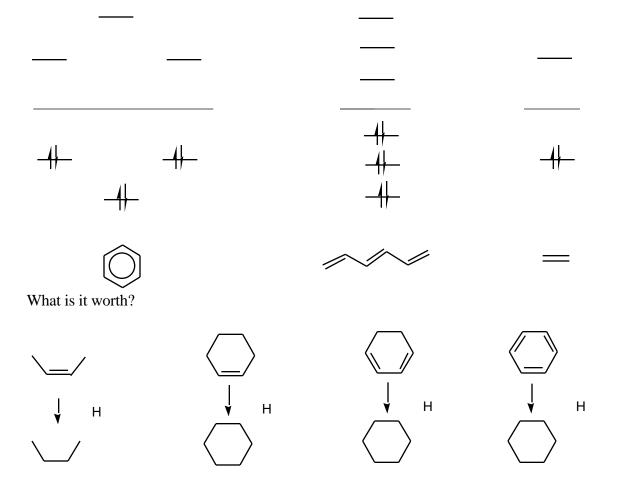
Now: 6 orbital systems---1,3,5-hexatriene and cyclohexa-1,3,5-triene



Historical interlude:

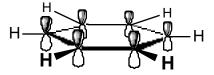


Compare with 1,3,5-hexatriene and 3 ethylenes



Some of the first compounds shown to have benzene rings also had strong odors. A correlation was imagined between the benzene ring and odor--aromatic compounds.

"the aromatic region of the NMR spectrum"



"aromatic stabilization"-----33 or so Kcal/mol

Minimum requirements:

- cyclic
 continuous set of p orbitals
 planar

One more: Recall Frost Circle, consider other polygons

