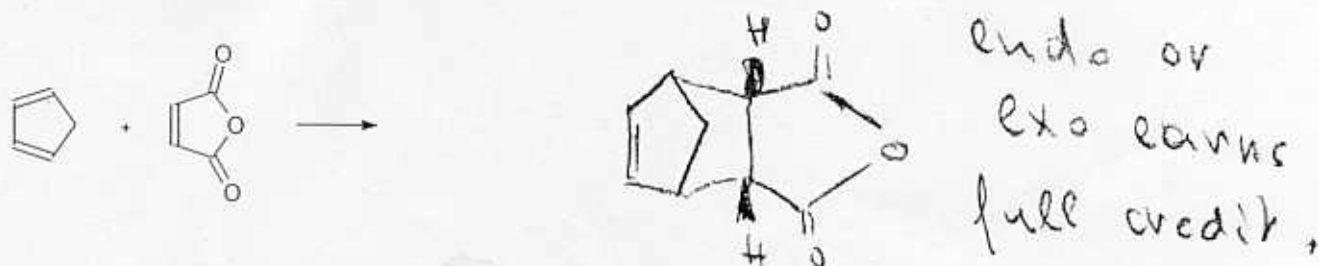
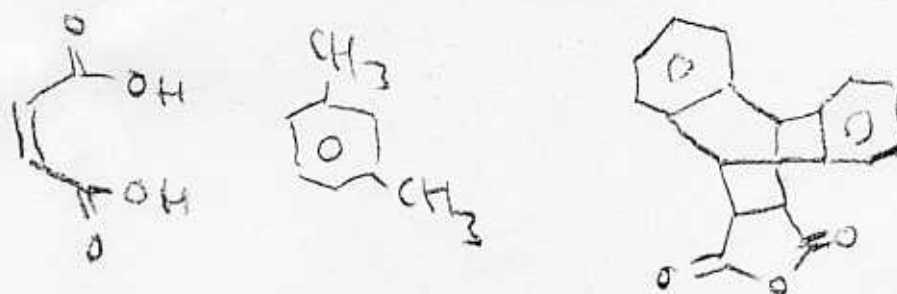


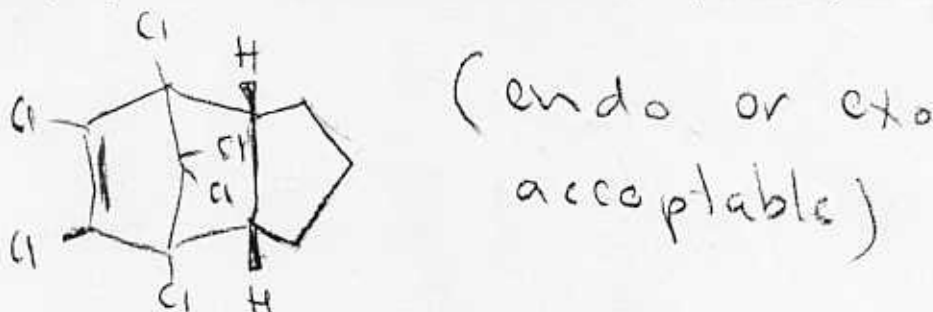
1. Show valid structural formulas for the product of the following Diels-Alder reaction (2 pts)



2. Show valid structural formulas of the following: a) maleic acid, b) meta-xylene, c) the Diels-Alder product you prepared last time (6 pts)



3. What Diels-Alder product will you obtain if you condense cyclopentadiene with hexachlorocyclopentadiene? Show a structural formula of the product as your answer! (3 pts)



5. Circle all chemicals you will need today! (4 pts)

a) methyl benzene

b) sodium benzoate

c) nitric acid

d) sulfuric acid

