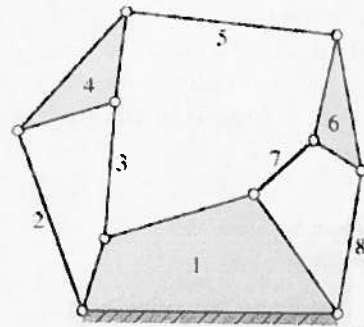
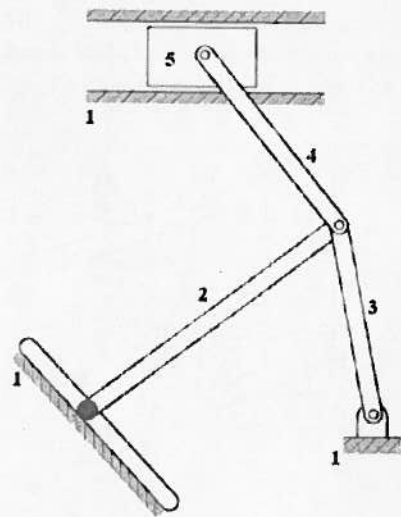


# MECH 343/4 T and M: Theory of Machines 1

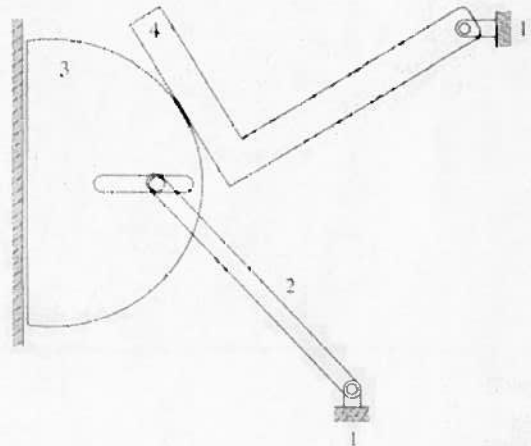
For the Mechanism shown consist of 8 links which are paired using 10 hinges. List these pairings and determine the mobility.



For the mechanism shown, verify that all pairings are lower. List these pairings. Determine the mobility

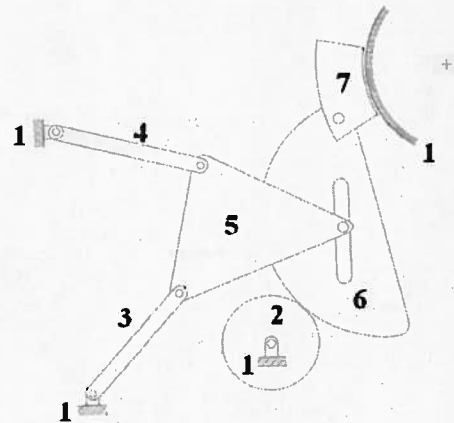


For the mechanism shown, has both lower and higher pairings. List these lower and higher pairings. Determine the mobility.



**Question 4:**

For the mechanism shown, there is no slip at the contact between links 2 and 6. List the lower and higher pairings. Determine the mobility.



**Question 5:**

Figure shows the mechanism of a crane. Two hydraulic cylinders are used to position the bucket 11. List the lower and higher pairings. Determine the mobility.

