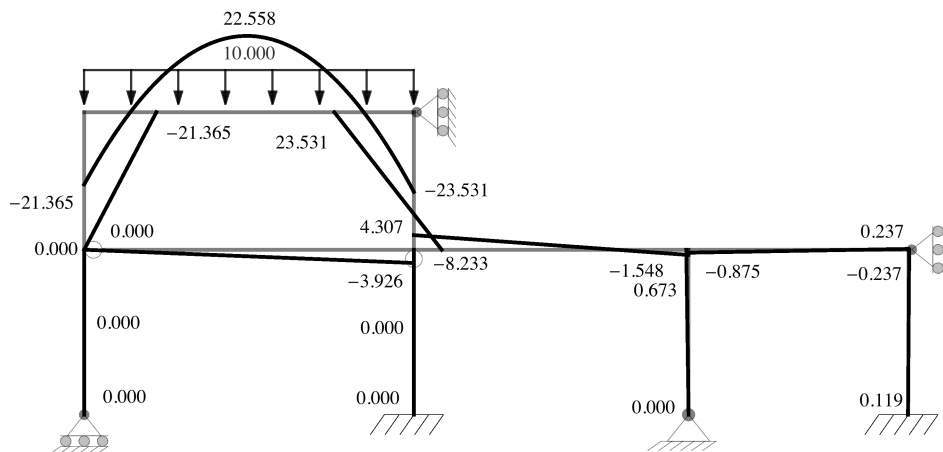
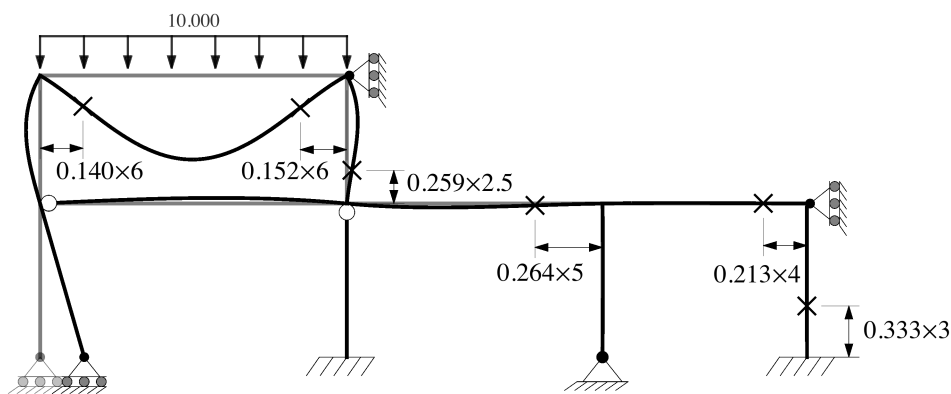
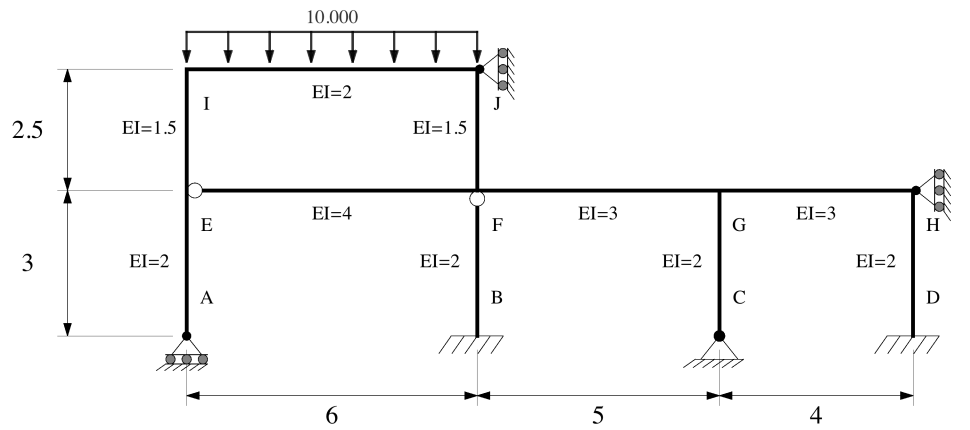
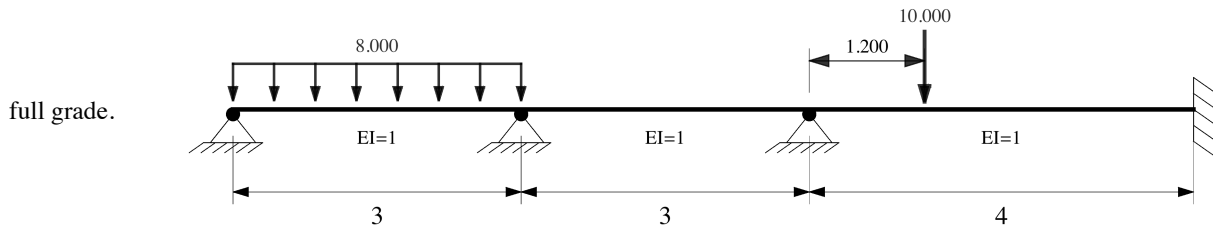


1. (50 points)



2. 50 points) Answer the following:

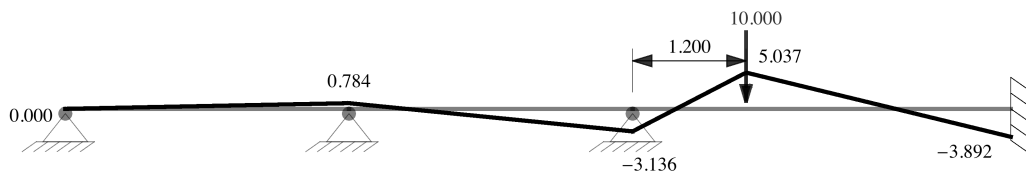
Note: Use approximate analysis but the location of the inflection points and moments must have errors less than 15% for a



(a) Sketch on the test sheet below the moment diagram when only the uniform is being applied.



(b) Sketch on the test sheet below the moment diagram when only the point force is being applied.



(c) Sketch on the test sheet below the moment diagram when both the uniform load and the point force are applied.

