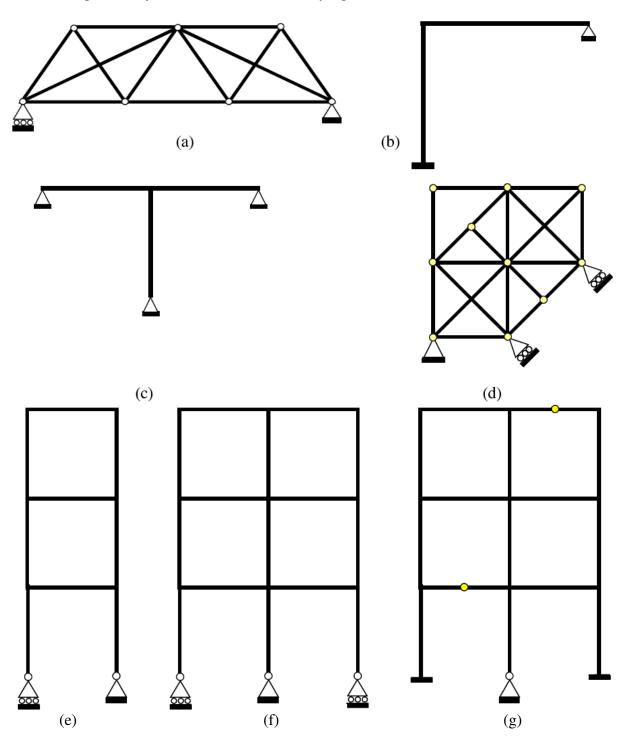
Tutorial Sheet #1

Assigned on Thursday, July 30

1. Find the **degree of kinematic indeterminacy** (and also the **degree of static indeterminacy**) for the following structures. For (e), (f) & (g) find these degrees with all the beams being i) axially deformable, and ii) axially rigid.





2. For the following 2D beam member, a) draw **free body diagrams** for parts AB and BC, and b) write all the **compatibility conditions** at joints A, B and C.

