

I. THE ASSIGNMENT

- We were instructed to build a statically determinate planar truss that meets the following conditions
 - The truss will have a length of 28in from end support to end support
 - One end support is a pin support, and the other is a roller support
 - There will be a joint 10in from one of the supports
 - This is where the testing load will be suspended
 - All members must be straight with a rectangular cross-section
 - There can be no more than four members at a single joint
 - All members must fit on a 16" x 24" x 1/8" MDF board
 - All members must be able to be joined by 8-32 thread size aluminum binding posts