



Project ID# \_\_\_\_\_

Group Letter: \_\_\_\_\_

### MD-1 Mechanical "Board" Drawing

Basic Mechanical (Board Drawing); This classification is for students with less than one credit in mechanical drafting. One or more instrument drawings (no sketches) drawn with pencil or ink on drawing or tracing media, not larger than 24" x 36", are eligible. This classification may include a drawings of a machine part and pictorial drawings; "the drawing should include and orthographic projection/multiview drawing {3 views} with dimensions and an isometric drawing that represents the depicting the orthographic projection". Workbook sheets may be submitted, if labeled. Dimensions are required. Student may download the problem for the year and do it if they wish.

#### Groups eligible to participate A, N, and E

**CLASSIFICATION: MD-1 Mechanical Board Drawing ENTRY TITLE** \_\_\_\_\_

Entry Checklist:

\_\_\_\_\_ Technical Report  
 \_\_\_\_\_ Sheet size 24" x 36" or smaller  
 \_\_\_\_\_ Drawings in pencil or ink on drafting media  
 \_\_\_\_\_ Dimensions are required  
 \_\_\_\_\_ Workbook sheets are labeled (If applicable)

Major Evaluation Factors: **Comments:** \_\_\_\_\_

Each drawing will be subject to this checklist with negative points deducted from 100.

Category:	- 4 or more	- 3	- 2	- 1	- 0	Neg. Pts.
Functional & shows good drawing technique						
Accuracy of Dimensions						
Accuracy, Layout and Neatness						
Appearance – Overall Impact						
Complexity – Creativity - Originality	-3	-1	0	+1	+3	
Subtract Negative points from 100						Project Rating =

**Judges may subtract more than the -4 at there own discretion.**

Entry Violation: \_\_\_\_ Missing information. \_\_\_\_ No Technical Report: \_\_\_\_ (Total violation) \_\_\_\_\_

100-90 = I (blue) - 89-80 = II (red) - 79-65 = III (white)

**Overall Project Score** \_\_\_\_\_

- 2 or more pts. = shows effort, but more could have been done.

- 1 pt. = a very good effort - with minimal flaws or defects

- 0 pts. = Excellent effort - no mistakes or visible flaws

Student info / Project ID# \_\_\_\_\_

School \_\_\_\_\_

Instructor \_\_\_\_\_