ENGR 105, Reading Questions, Due at the START of the next class.
As you read Sections 9.1 to 9.28, in Modern Graphics Communication, Giesecke, 3rd Ed., answer these questions. For True/False questions, if your response is False, give a reason or a counterexample (you may use a diagram to make your argument).

1. A dimension line is
   THIN or THICK (circle one)
   LIGHT or DARK (circle one)

2. The length and width of dimension line arrowheads should have a ratio of _____ : _____
   Draw a dimension line arrowhead on one end of this line: _______________

3. Dimension lines nearest the object outline should be _______ inch away.

4. a) A gap of about _______ inch should be left where extension lines would join the object outline.

   b) The extension line should extend about _______ inch beyond the outermost arrowhead.

5. Practice dimensioning the object below (in inches, full scale):

   ![Diagram of an object to be dimensioned]

6. True/False: It is common practice to use circle center lines as an extension line.

7. True/False: Give dimensions where shapes are shown – where the contours of the object are defined (see Figures 9.20 on page 293 for correct and incorrect practices).