

Name _____

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 _____ : _____

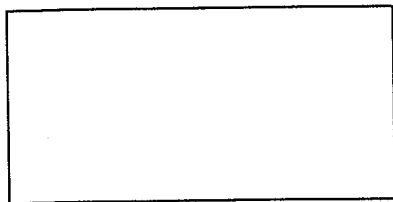
Draw a dimension line **arrowhead** on one end of this line: _____

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):



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).