ENGR 105, Reading Questions, Due at the START of the next class. As you read Sections 5.1 to 5.29, 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. Name the 6 standard views.

2. If you are looking at the front view of an object, describe how you would move the object to see:
   a) The Top view.
   b) The Right side view.

3. a) Name the three principal dimensions of an object:
   b) Which two principal dimensions are shown in the Front view?
   c) Which two principal dimensions are shown in the Top view?
   d) Which two principal dimensions are shown in the Right Side view?

4. True/False: The depth dimensions are equal (corresponding) in the Top and Side views.

5. A ___________ line may be used to transfer depths between views.

6. A ___________ surface is parallel to a plane of projection, and therefore appears true size and true shape in that view.

7. A ___________ surface is tipped to all principal planes of projection, and therefore does not appear true size and true shape in any of the principal views.

8. a) How is an edge produced?
   b) How is an edge represented in a drawing?