

Name _____

ENGR 105, Reading Questions, Due at the **START** of the next class.
As you read Sections 8.1 to 8.20 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. True/False: An **auxiliary view** is a view obtained by a **projection** onto a plane other than the **principal planes** of projection

2. A _____ **auxiliary view** is **projected** onto a **plane** that that is **perpendicular** to **ONE** of the **principal planes** of **projection**.

3. A _____ **auxiliary view** is **projected** onto a **plane** that that is **inclined** to **ALL** of the **principal planes** of **projection**.

4. **Depth auxiliary views** are **perpendicular** to the _____ **plane** of projection.

5. **Height auxiliary views** are **perpendicular** to the _____ **plane** of projection.

6. **Width auxiliary views** are **perpendicular** to the _____ **plane** of projection.

7. **Auxiliary views** are often used to produce views which show the following:
 1. _____
 2. _____
 3. _____
 4. _____

8. Whenever a **line** is _____ to the **fold line**, it will be **true length** in the **adjacent view**.

9. To show the **true size view** of a **plane**, choose the **direction of sight** _____ to the _____ **view** of the **plane**.