ENGR 105, Reading Questions, Due at the **START** of the next class.
As you read the section “Using Scales”, in “ENGR/DRAFT Engineering Graphics” assignments packet, Nick Arnold (the first section in the Appendix), 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. **The term scale can mean two things:**
   1) ______________________________________
   2) ______________________________________

2. **The numbers 10 through 60 on an Engineers Scale refer to the number of divisions into which an ___________ is divided.**

3. The **Engineers Scale always measures in ____________, never in ____________**.

4. **True/False:** When using a **scale**, a **calculator must** be used to **calculate** the proper scale.

5. **True/False:** An **Architects Scale** deals in **decimal** portions.

6. Which face (number) of the Architect’s Scale is the full scale face? ____________.

7. **The Architect’s Scale face with 3/16 printed on the right end refers to a scale which is:**
   3/16" = ____________.

8. If a **map** has a **relative scale** of 1 inch = 10 feet, what is the **absolute scale**?
   ____________.