

Name _____

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**?

_____ .