

Math 234 Preview Exercises

Sections 8.1 and 8.2

NAME

Read Sections 8.1 and 8.2 in the textbook and answer the following questions. *Hand in this worksheet at the next class.*

1. How does the text define a (binary) **relation** from a set A to a set B ?

2. What are two examples of relations from Section 8.1 of the text?

3. What is the meaning of an **inverse relation**?

4. What does it mean if a relation is **symmetric**?

5. Is the “less than” relation reflexive? Is it symmetric? Is it transitive?