Math 234 Preview Exercises

Sections 7.1 and 7.2

NAME

Read Sections 7.1 and 7.2 (at least through page 312) in the textbook and answer the following questions. *Hand in this worksheet at the next class.*

1. What are the two important properties in the definition of a **function**?

2. How is the **co-domain** different from the **range** of a function?

3. What is the **identity function** on a set X?

4. What does it mean for a function to be **well defined**?

5. What does it mean for a function to be **one-to-one**?

6. What does it mean for a function to be **onto**?