Math 234 Preview Exercises

NAME

Read Section 6.1 in the textbook and answer the following questions. *Hand in this worksheet at the next class.*

1. What is the definition of a **proper subset**?

2. What is the basic method for proving that a set X is a subset of another set Y?

3. What is the basic method for proving that two sets A and B are equal?

4. What is the **set difference** (or **relative complement**) operation?

5. What does it mean if sets A and B are **disjoint**?

6. If A is a set, what is the **power set** of A?