Math 2001 Assignment 33

Your name here

Due Wednesday, November 12

Reading 1. Scheinerman, §24 (pp. 167–175)

Problem 2. Suppose that A and B are sets and f is a function from A to B.

(i) Write a symbolic sentence that means f is not injective.

(ii) Write a symbolic sentence that means f is not surjective.

Problem 3. Scheinerman, §24, #1. For each letter, answer questions (1), (2), and (3). You do not have to answer (4).

Problem 4. Scheinerman, §24, #6. In each part, you should describe the image succinctly without reference to the function f.

Problem 5. Scheinerman, §24, #8

Problem 6. Scheinerman, §24, #10