MATH 104 HOMEWORK 1

DUE SEP 4 BEFORE CLASS

A select number of these questions will be graded.
You are allowed to discuss with your classmates, but you must write your own solutions. You must list the names of people you have discussed with and the references you have used (except the materials available from the course website).

Keep in mind that writing is also a component in the problems sets. Try to write in clean and precise mathematical terms. Trying to imitate the style of proofs in the textbook or the notes would help in the beginning. Tex is not required for the problem sets.


(1) MH Page 12: Exercise 1  
(2) Ross 1.9  
(3) MH Page 27: Exercise 3  
(4) MH Page 27: Exercise 7  
(5) Ross 3.1  
(6) Ross 3.6  
(7) Ross 4.1 (a)(d)(e)(n)(v)  
(8) Ross 4.3 (a)(d)(e)(n)(v)  
(9) Ross 4.5  
(10) Ross 4.10