

## Math 3000, Homework assignment #6 (second part)

1. Read Section 3.3 again.
2. Do the following problems from Section 3.3: 1a-e,2c,3adehjk,4adehjk,8, and from Section 3.4: 19.
3. State and prove a theorem for  $\inf(S)$  analogous to the theorem about  $\sup(S)$  proved in class. (The theorem should go something like:  $b = \inf(S)$  iff (a) ... and (b) ...)
4. Turn in all of the above.