

Mathematics 554 Homework.

We have defined the order axioms and now want to prove use them to prove the basic inequalities of analysis. These arguments are generally easier, or at least less boring, to do on your own rather than listen to someone else do them. So do Problems 2.10 to 2.25.

These will be due on Friday, but rather than me lecturing on Wednesday I ask for volunteers to do proofs at the board. There is no penalty for not doing a problem, but you will get extra credit if you do one a problem, no matter if it is correct or not.