Mathematics 554 Homework.

First off I have made some corrections to the class notes:

`https://ralph-howard.com/Classes/Fall2024/554/notes.pdf`

so you should work off the copy linked able. (And to anticipate a problem that was come up in the past, refresh your browser before downloading to make sure you are not just getting the version in your cache.)

There will be two types of problems. So that will be on a quiz on Wednesday, September 4. The rest will be collected on Friday.

Problem 1. For the quiz should know the axioms **Pos: 1** and **Pos: 2** and the definition of $a < b$ and $a \le b$ from pages 29–30 of the notes.

You will have to give solutions to one or more of the problems 2.12, 2.14, 2.15, 2.17, 2.18, and 2.19.

Problem 2. I will collect problems 2.21, 2.22, 2.23, 2.25, 2.26, and 2.27 on Friday.