

MAT337H1, Introduction to Real Analysis: Quiz 1 coverage

Quiz 1 will be based on the material covered in Jan 6-18 classes. (See Sections 2.2 and 2.3 of the textbook). You will be asked to prove something and/or to state a definition. Proof questions will be similar to ones from the recommended problems list. For definitions, you need to be able to define the following: upper/lower bound of a subset $S \subset \mathbb{R}$; bounded above/below subset $S \subset \mathbb{R}$; least upper bound/greatest lower bound (sup/inf) of a subset $S \subset \mathbb{R}$. You do not need to cite exactly the definition stated in class. It is fine if you formulate it in your own words.