

23 August 2016
Analysis I
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Preparation for class

In this course, you will discuss many mathematical ideas. When you come to class, you should be able to explain each of that day's ideas to someone who doesn't know about them. That means you should be able to (wherever relevant):

- Write down the idea formally
- Write down what intuition one should remember for years
- Compare the idea to related ideas
- Provide examples that illustrate the idea
- Provide nonexamples that illustrate why some assumptions are needed
- Concisely say the central argument of the proof
- Sketch a visual picture of the proof