Name: Prelab 1

## Prelab 1: Measurement and Measurement Error

## PHYS 1320 Fall 2015 Due at the beginning of class.

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1) What is the difference between accuracy and precision and why is this difference significant?
2) What distinguishes a random error from a systematic error?
3) What is the point of making multiple measurements of the same quantity before making a final statement about the numerical value of that quantity?