

Math 499 □ History of Mathematics □ Spring 2014

Instructions Midterm, March 4, 2014

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This exam will be made up of questions on each subject seen in class:

1. **Ethnomathematics.** You have two files to review. One is aquaculture and one is on invasive species (both are found on the website). The questions will be on these two problems. Please review also the definition of Ethnomathematics as well as the Lulu game.
2. **Babyloniens Mathematics.** Review the file Homework-Week2.
3. **Greek Mathematics.** Learn the chronological order of Greek mathematicians as in Greek-Powerpoint1. You must to be able to answer the question: "why were Greel mathematicians more geometric than algebraic?" Review Thales theorem as seen in class (including its proof), the Phytagorean theorem (including the proof) as well as Euclid geometry. In the notes on Euclid please pay attention to the following problems: Exercise 2.6, 2.15, 2.24, 2.25, example 2.37, example 3.36.
4. **Business Mathematics.** Review the files business practices and its solution as well as the work done in class.