

MthU201  
Quiz #2  
30 Minutes

History of Mathematics  
Professor Gilmore  
Feb. 14, 2008

Name: \_\_\_\_\_.

Show All Your Work

1. Write an essay describing the culture and history of the **Pythagorean Greeks**. Include at least **three mathematical developments** for which the Pythagoreans are responsible. Dates, places and other cultural information will add to your grade. **Continue your essay on the back of this sheet if necessary.**

2. You constructed the unique point at which the three **angle bisectors** of a triangle intersect for homework. This point is the center of the **inscribed circle** of the triangle. Give a good argument that this must be the case, that the three angle bisectors must meet in one point. Then say why this point is the center of the inscribed circle of the triangle.

