

MthU201
Quiz #2
30 Minutes

History of Mathematics
Professor Gilmore
Feb. 14, 2008

Name: _____.

Show All Your Work

1. Write an essay describing the mathematics and life of **Euclid**. Include at least **three mathematical topics or theorems** in the Elements, his major work. 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 **perpendicular bisectors** of the sides of a triangle intersect for homework. This point is the center of the **circumscribed circle** of the triangle. Give a good argument this must be the case, that the three perpendicular bisectors must meet in one point. Then say why this point is the center of the circumscribed circle of the triangle.