

MthU201
Quiz #3
40 Minutes

History of Mathematics
Professor Gilmore
Apr. 5, 2006

Name: _____.

Show All Your Work

1. Write a paragraph on each of the following topics. Each paragraph must contain at least four distinct facts about the topic indicated: **Continue your paragraphs on the back of this sheet if necessary.**

a. The ancient Yangshao-Longshan culture.

b. The Jiuzhang Suanshu.

c. The mathematician Qin Jiushao.

(OVER)

2. Use the algorithms of Aryabhata and Brahmagupta to find all solutions to the indeterminate linear equation $23x + 19y = 3$