

MT00702/SL26601
Ideas in Mathematics: The Grammar of Numbers
Quiz: April 27, 1998

You have 30 minutes to do this quiz. The grade for each answer depends on the quality of the presentation (writing, diagrams, *etc.*) and the accuracy of the content.

Cheating will be severely punished.

1. (*35 points*) Write an explication of one interesting idea which you have chosen from chapters 12 (“Fifth Avenue”), 18 (“The King James Bible”), and 22 (“Istanbul”) of *The Magic Numbers of Dr. Matrix*. Identify by page the location of your chosen topic. Finally, explain briefly why you chose this topic.

2. (*35 points*) Give a succinct and well-organized presentation of some useful topic from linguistics, music, general culture, or mathematics that you have learned in class and which would probably interest others. Your topic may involve ideas from Western or non-Western cultures.

3. (*30 points*) State and recapitulate any mathematical proof that was presented in class.