

Math 3Z03
BIOGRAPHY, ESSAY AND COURSE SYNOPSIS

DUE: MONDAY, APRIL 6TH, 2015

1. Write a short biography (3 to 5 pages), with special emphasis on the mathematical achievements of ONE of the following mathematicians:

Archimedes, al-Khwarizmi, Brahmagupta, Giralamo Cardano, Blaise Pascal, Gottfried Wilhelm Leibniz, Leonhard Euler, Thomas Bayes, Adrien-Marie Legendre, Marie-Sophie Germain, Evariste Galois, Bernhard Riemann, Georg Cantor, Ramanujan .

2. Write a short essay (3 to 5 pages) describing your thoughts on the following questions (Keep it simple and give examples!):

- (i) Is Mathematics beautiful?
- (ii) Is Mathematics useful?
- (iii) Is Mathematics discovered or invented?

3. Write a short synopsis (≤ 3 pages) on your experiences with Math 3Z03 this year.
Note: You should include the following points:

- (i) Evaluation of the course in general and in particular, as an inquiry course. (What did you learn?)
- (ii) Evaluation of the presentations. (Perhaps you can list the top five presentations that you liked best, excluding your own!).
- (iii) Suggestions for improvement.