



## Project 1

Due Date: Monday, April 4

Points: **25**

**Guidelines:** This project must be typed and responses should be in complete sentences. All responses should be cited, when appropriate, according to MLA or APA guidelines, and points will be deducted for improper citation (see the Coates Library web page if you need help). This project is out of **25** points, and bonus points will be given to anyone who gives especially thoughtful or interesting responses.

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The following is a list of famous mathematical figures.

- i. For each of the people listed below, write the year in which they were born and country of birth. If this is unknown, then at least a good approximation to the century of birth, i.e., *early 9th century*. If they are still alive, say what are they doing now.
- ii. Include something of mathematical interest that you learned about each person. This can be anything from a random fact about their lives to a famous problem they solved; however, it cannot be a famous theorem named after them. I am sorry about this, but otherwise, this could probably be the fact given for every person on this list. As an example, and your need not be this colorful, but I know that Paul Erdős took a lot of speed and claimed it help him to do more math. When a colleague once convinced him to stop, he did so for about 24 hours at the end of which he informed his friend that this good deed had set the world of mathematics back one whole day. (Now you may not use this as your interesting fact for Paul Erdős, but do not worry, there are plenty of others.)
- iii. If you find that the person has contributed to areas outside of mathematics, then please mention those areas as well. For example, physics, computer science, art, etc.

Niels Abel  
Arthur Cayley  
Leonard Euler  
Carl Gauss  
Isaac Newton  
Henri Poincare  
Bernhard Riemann

Nicolas Bourbaki  
Paul Erdős  
Pierre Fermat  
Sonya Kovalevsky  
Emmy Noether  
Pythagoras  
Terence Tao

Augustin-Louis Cauchy  
Euclid  
Evariste Galois  
Joseph-Louis Lagrange  
Grigori Perelman  
Srinivasa Ramanujan  
Andrew Wiles