

Mathematician Biography Assignment

100 Points, Tentatively Due 25-28 April 2018

Write a two or three page (approximately 1000 word) biography of a mathematician or mathematics-related professional chosen from the list on the back, taken from the MacTutor History of Mathematics Website at <http://www-groups.dcs.st-and.ac.uk/~history/BiogIndex.html>.

The biography should be formatted in accordance with the Modern Language Association (MLA) Formatting and Style Guide available on *The OWL at Purdue* Website, <http://owl.english.purdue.edu/owl/resource/747/01/>. The Online Writing Laboratory (OWL) Guide is well-written and easy to follow.

The biography should include a main body and a references section. Material for the biography should be drawn from at least three sources, all of which may be electronic. The referenced material should be listed in the appropriate MLA format in the references section. The body of the biography should contain in-text citations, again in MLA format, for material that is drawn from the references. Quotation of material from reference sources without quotation marks or without in-text citations is plagiarism and will be dealt with according to OCCC's academic dishonesty policy as presented in the OCCC Student Handbook.

The OCCC Communications Lab, located near the College Union, is available to all OCCC students for help with writing assignments.

The assignment will be evaluated (graded) based on the following criteria:

- o [55 points] relevant content
- o [30 points] correct grammar, punctuation, and spelling
- o [15 points] conformance to MLA formatting and citation standards.

List of Mathematicians for Biography

al-Khwarizmi, Abu
Archimedes of Syracuse (not NY!)
Bayes, Thomas
Bernoulli, Daniel
Copernicus, Nicolaus
de Moivre, Abraham
Diophantus of Alexandria
Doppler, Christian A.
DO NOT WRITE ON: Einstein, Albert
Eratosthenes of Cyrene
Escher, Marits Cornelis (a "mathematical artist")
Euclid of Alexandria
Euler, Leonhard
Galilei, Galileo
Gauss, Carl F.
Gödel, Kurt

Halley, Edmond
Hawking, Stephen W.
Heron of Alexandria
Kepler, Johannes
Lagrange, Joseph-Louis
Laplace, Pierre-Simon
Mercator, Gerardus
Möbius, Johann H.

Newton, Sir Isaac
Pascal, Blaise
Plato
Poincaré, Jules
Taylor, Brook
Turing, Alan
von Neumann, John
^^^(pronounced "von-NOY-mahn")
von Leibniz, Gottfried

Hypatia of Alexandria
Gabrielle Émilie Le Tonnelier de
Breteuil, marquise du Châtelet
Maria Gaetana Agnesi
Marie-Sophie Germain
Augusta Ada Byron King,
Countess of Lovelace
Sofia Vasilyevna Kovalevskaya
Amalie Emmy Noether
Dame Mary Lucy Cartwright
Julia Hall Bowman Robinson
Shafi Goldwasser
Donna Shirley
Margaret Heafield Hamilton

Content Suggestions

Include information such as

- o When and where the person lived
- o Education (universities; degrees, if any)
- o Accomplishments
 - Famous discoveries, developments, and publications
 - Work in other fields (physics, astronomy, chemistry, etc.)
- o Professional Society Memberships, Honors, and Awards
- o Contemporary Mathematicians (peers).