For this project you will research a famous mathematician that made a large contribution to the field. You will research their life, mathematical training and contributions as well as give examples of where their discoveries are used today. You will then write a paper describing your findings. This paper needs to be at least one page and no longer than two pages, double-spaced, normal margins (1 inch), size 12 font, type written, with references using MLA style.

My mathematician is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**THIS PROJECT IS DUE \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. Late Projects will be docked points.**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (20 points) Your paper includes the following information on your mathematician:

1. Time and Place of Birth
2. Significant events in his/her life
3. Educational background
4. Any anecdotal stories

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (20 points) A thorough explanation of how your mathematician discovered/figured out the mathematical concept they are famous for. {Include why they were studying that concept, did it solve a problem? Did they encounter problems in attempting to develop their concept? What obstacles did they have?}

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (10 points) How did your mathematician’s discovery contribute to the overall mathematical community and curriculum? Was their discovery well accepted?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (15 points) Give an example of the mathematical concept and explain how it is used today.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (15 points) At the end of your paper create a small time line to show where the mathematician fits in history along with his/her development in mathematics. (I.e. The math that came before and after their discovery that directly influenced/came as a result of their research}

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (10 points) Your paper is within the length requirement and includes references to support your research.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (10 points) Your paper uses correct grammar, mechanics and clarity.

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_ /100 Final score for Quarter 1 Project (10% of your grade)**

**Mathematicians to choose from**

Pythagoras

Euclid

Archimedes

Hipparchus

Fibonacci

Francois Viete

Johannes Kepler

John Napier

Albert Giard

Rene Decartes

Galileo

Blaise Pascal

Pierre Fermat

Isaac Newton

Gottfried Lebiniz

Leonhard Euler

Carl Friedrich Gauss

Joseph Fourier

William Hamilton

Bernhard Riemann

Richar Dedekind

Georg Cantor

Francis Galton

Albert Einstein

Bertrand Russell

Alan Turning

Girolamo Cardano

Tartaglia

Lodovico Ferrari

Jakob Bernoulli

Pierre Simon Laplace

Joseph-Louis Lagrange

Augustin Louis Cauchy