Research Paper Requirements

This is a 350-500 word paper requiring at least one picture where you will:

1. introduce an individual (that was born before 1800AD),
2. explain *one* of the geometry/math problems that s/he worked on, and
3. identify what tools were used to try to answer her/his question of interest.

You can choose any historical figure who was born before 1800AD, but the individual you choose must have made use of mathematics to solve a problem. In addition to providing the details of your historical figure's life, you should provide an appropriate amount of historical context. This historical context should help explain *why* your figure was investigating his/her particular mathematical problem as well as to explain *why* s/he used the tools that s/he did.

Be sure to describe the particular geometry/math problem *clearly.* Your description needs to be as precise and as clear as was expected in the Patty Paper Worksheets and Origami directions. You may want to include diagrams and pictures to help clarify your description of the problem. (You *are not* required to explain the solution to the problem, but you *are* required to describe what tools/approach your mathematician used when working on it.)

To write this paper you will have to research outside of class (don't forget what you learned in your Core Lab!). A minimum of two references from well respected sources must be collected and cited. Well respected can mean a published book or an article in an academic (or peer reviewed) publication. Well respected *does not mean* Wikipedia, Answers.com, class websites, or hearsay. You are welcome to use cites such as Wikipedia to *find* appropriate sources, but you should not use information that you cannot verify with a respected source. The librarians have set up a cite that may be the best starting place for your research: `http://libguides.tacoma.washington.edu/math`. Additionally the following three books have been placed on reserve and are available for two hour periods from the circulation desk:

1. Struik D. *A Concise History of Mathematics.* (NY): Dover; 1967.
2. Berlinghoff B, Gouvêa F. *Math through the ages: a gentle history for teachers and others.* Farmington (ME): Mathematical Association of America; 2004.
3. Bell ET. *Men of Mathematics.* (NY): Simon and Schuster; 1937.

The final draft of this paper will be collected electronically and thus must be typed. The final paper must be double-spaced in size 12 Times New Roman or Computer Modern font with one inch margins. Your name and class name should appear on the top left with the title of your paper centered on the next line. Sources are to be cited using CSE standards and the references should be listed on a separate page. A sample paper providing CSE examples and additional links to CSE resources are posted on the class website and can be browsed to from: (`http://faculty.washington.edu/rvanderp/`).

Time Table:

Week	Date	Due:
6	May 2 Mon.	journal entry from 4/25
		list of two respected sources in CSE format
	May 4 Wed.	first draft
7	May 11 Wed.	final draft