MiryamKikhwa

ESL II

March, 2013

**Al Khwarizmi**

Famous leader Research Paper

The person I will be searching for this paper is Al-Khwarizmi “Father of Al-gebra”. I chose this person because I want to learn about him and what he did in his life. Al- Khwarizmi was a great Muslim mathematician, astronomer and geographer and he also created Al-gebra.

Al -Khwarizmi born in 780 AD in Khwarezem . He died in 850 AD in Baghdad which is Iraq now. His parents were Arab Muslim and they might have known Latin. Al -Khwarizmi founded an academy in Baghdad called “ The House Of Wisdom “ where he learned collected and translated all the scientific works that he could hold of. “ The House of Wisdom “had a large library. His contributions were to the mathematics, geography, astronomy and cartography. He established the basis for innovation in Al-gebra and trigonometry. Most of his works were based on Persian, Babylonian, astronomy, Indian numbers and Greek Mathematics.

Al-Khwarizmi was Muslim Mathematician and he created the system of mathematics called Al-gebra today. He began to calculate with Hindu Numerals and he was responsible for spreading the Indian system of numeration throughout the Middle East and Europe. His most notable mathematical accomplishments were the first book on Al-gebraAl Maqala fi Hisab – Al geberwa Al Muqabilah translated as “The compendious book on calculation by completion and Blanding.” Another major book was Kitabsurat al- ard. “The image of the Earth.”He presented the coordinates of places based on those in the Geography of Ptolemy. Al-Khwarizmi‘s possess qualities like being patient which made him great. I can apply these lessons to my life that being smart and patient in everything in my life. Really Al-Khwarizmi was a great inventor and he helped the people in their life.

**Work Cited**

<http://mathsisgoodforyou.com/people/alkhwarizmi.htm>

[*http://derrel.net/math/al\_khwarizmi/facts.htm*](http://derrel.net/math/al_khwarizmi/facts.htm)

[*http://www.s9.com/Biography/Al-Khwarizmi-Muhammad-Ibn-Musa*](http://www.s9.com/Biography/Al-Khwarizmi-Muhammad-Ibn-Musa)

[*http://wiki.answers.com/Q/What\_did\_Al-Khwarizmi\_do*](http://wiki.answers.com/Q/What_did_Al-Khwarizmi_do)

*http://voices.yahoo.com/history-algebra-muhammad-bin-musa-al-khwarizmi-3896956.html?cat=4*