

# Al-Khwarizmi

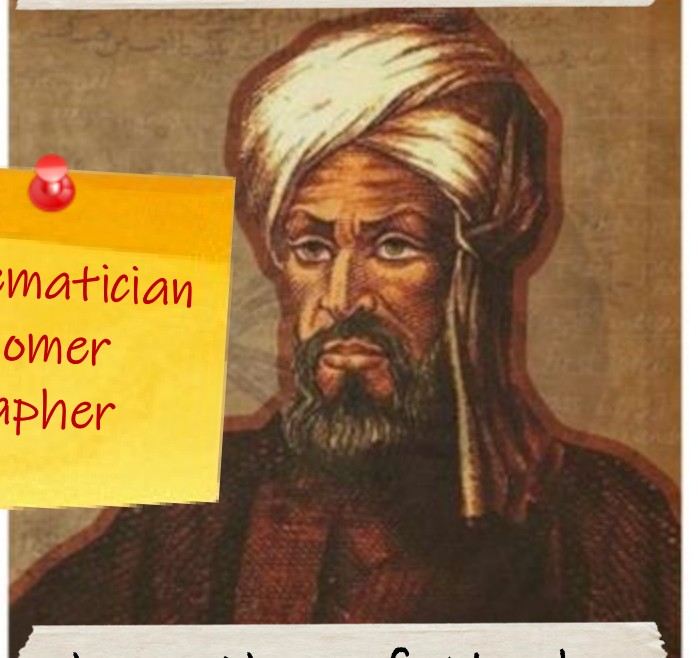


## Early Life

Al-Khwarizmi was born on 780 CE to 850 CE in Khwarazm.

He thrived in Baghdad during Islamic Golden Age. He worked at the House of Wisdom under Caliph al-Ma'mun.

Mathematician  
Astronomer  
Geographer



The Father of Algebra

## Education



Al-Khwarizmi began his studies in the House of Wisdom.

He studied from diverse cultures, learning from Greek's Euclid and Archimedes, and India's Brahmagupta.

He merged them into new frameworks.

## Adversities

Al Khwarizmi was ridiculed and perceived as a heretic believer. His work was looked down upon because of his religion



## Contributions



Al-Khwarizmi founded algebra.

He popularized Hindu-Arabic numeral system.

He also introduced systemic methods like completion and balancing.

Al-Khwarizmi used geometry to explain algebraic concepts



## Fun Facts

The word "algorithm" is the Latin translation of Al-Khwarizmi's name

Al Khwarizmi's work influenced a lot of European mathematicians during the Renaissance

The word "algebra" comes from the title of one of his famous books