

The Greek Saints of Mathematics

600 BC	Thales	Mathematical knowledge comes from proof, unlike empirical knowledge, which is based on observation.
500	Pythagoras	Pythagorean theorem, prime numbers, irrationals, perfect numbers
400	Eudoxus	Proportions, similar triangles
300	Euclid	"Elements" - the encyclopedia of mathematics based on the axiomatic method
250	Archimedes	Areas, volumes, surface area using "calculus" Center of mass, optics, hydrostatics.
200	Apollonius	"Conics" - ellipses, hyperbola, parabola, foci, directrix ...
150 AD	Ptolemy	"Almagest" - astronomy and trigonometry
250	Diophantus	"Arithmetica" - equations with rational solutions
400	Hypatia	Her martyrdom by a Christian mob marked the end of classical Greek mathematics