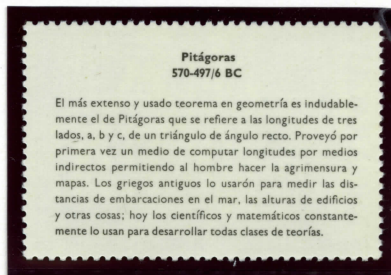
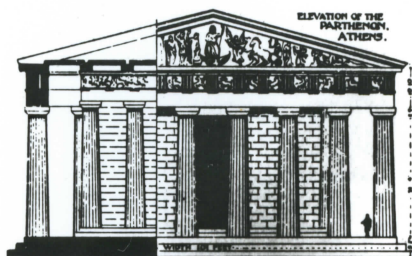




The Ten Mathematical Equations

30c (air) Pythagoras' Law (532 BC)

This, the most widely used theorem in geometry, related the length of the three sides, a, b , and c , of a right angled triangle, enabling man to survey, make maps, and measure the height of buildings. The famous Parthenon, in Athens, with a pair of compasses superimposed designs the law.



40c (air) Boltzmann's Law: Ludwig E. Boltzmann's (1844-1906) equation showed how the behaviour and reaction of gases depended upon their constantly moving atoms and molecules. The design shows the application of petroleum gases within cylinders and the resultant explosive forces driving simple cranks, the motive force of internal combustion engine, and the modern motor car.

