

Download Constructing An Altitude Of A Triangle

The altitude meets the extended base BC of the triangle at right angles. This case is demonstrated on the companion page Altitude of an triangle (outside case), and is the reason the first step of the construction is to extend the base line, just in case this happens. Median of a triangle construction with compass and straightedge or ruler. A triangle has three medians. They are lines linking each vertex to the midpoint of the opposite side. We first find the midpoint, then draw the median. A Euclidean construction. A triangle is a polygon with three edges and three vertices. It is one of the basic shapes in geometry. A triangle with vertices A, B, and C is denoted $\triangle ABC$. Area and Volume Calculator for a Sphere or Cylinder. Spherical Tank. Spherical Cap. Cube Area and Volume. Triangular Prism Calculator - Input the 3 triangle sides, the height and it calculates the total area and volume.