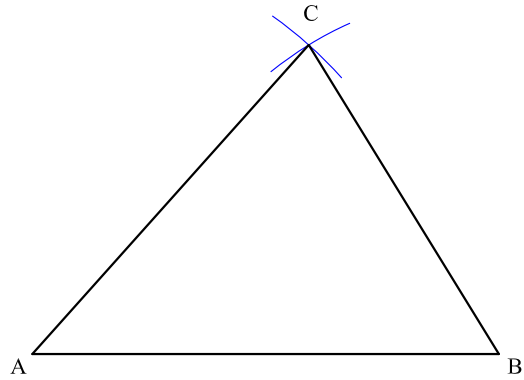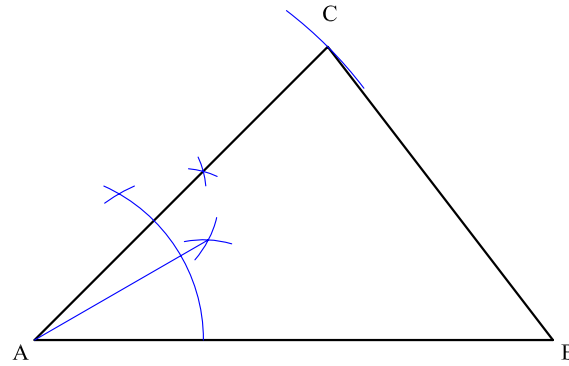- Three sides

  AB = 90
  BC = 70
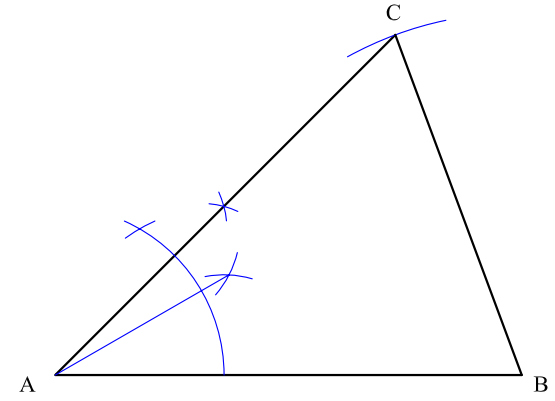 AC = 80

- Two sides and their included angle

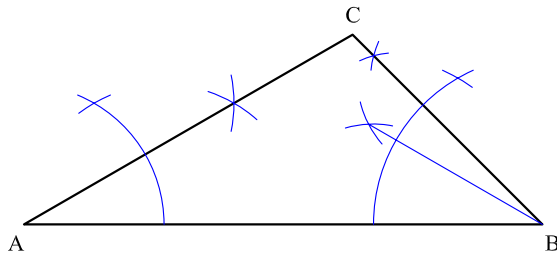 AB = 100
  AC = 80
  Angle CAB = 45°

- Base, one base angle and the length of the side opposite the base angle

  AB = 90
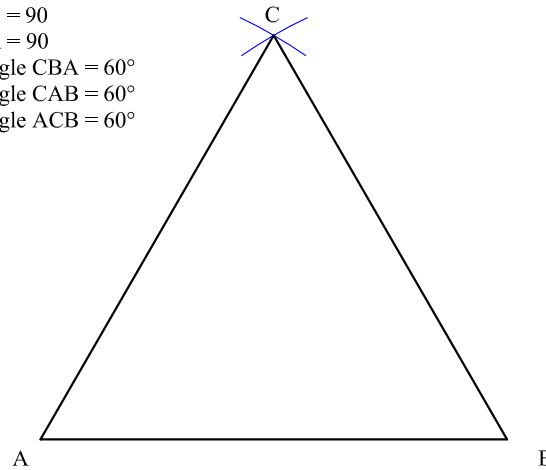 BC = 70
  Angle CAB = 45°

- Base and two base angles

  AB = 100
  Angle CBA = 45°
  Angle CAB = 30°

- The base of an equilateral triangle

  AB = 90
  BC = 90
  CA = 90
  Angle CBA = 60°
  Angle CAB = 60°
  Angle ACB = 60°

- The altitude of an equilateral triangle

  Vertical height = 80

CONSTRUCTION OF TRIANGLES Examples 1 - 6