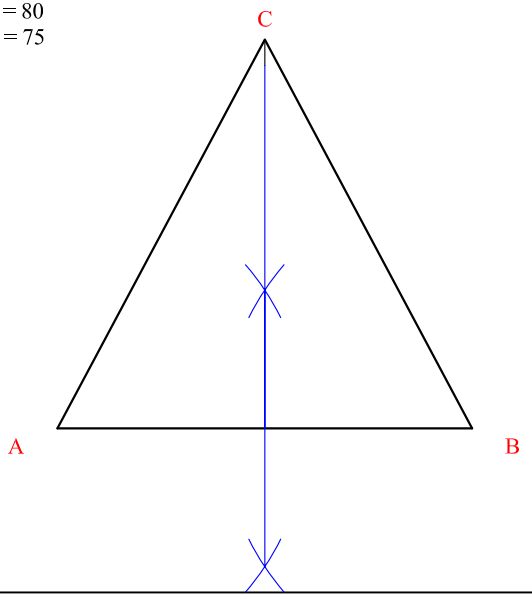
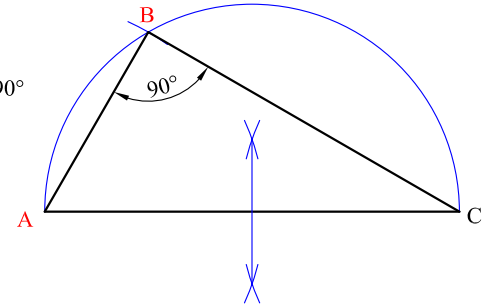
- The base and altitude of an isosceles triangle

AB = 80
VH = 75

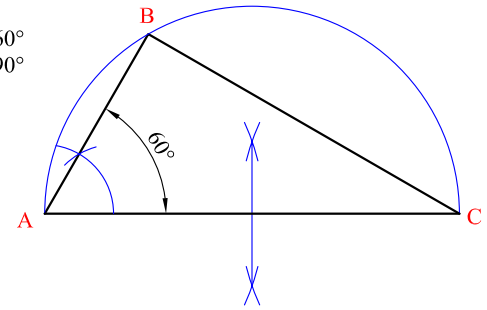


- Length of one side / angle and hypotenuse of a right angle triangle

AC = 80
AB = 40
Angle ABC = 90°

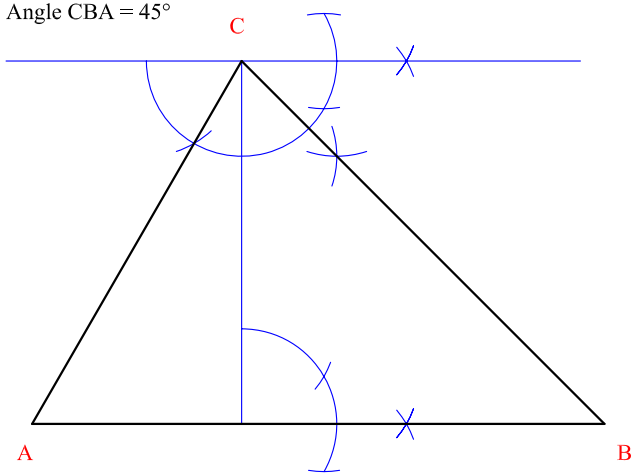


AC = 80
Angle BAC = 60°
Angle ABC = 90°



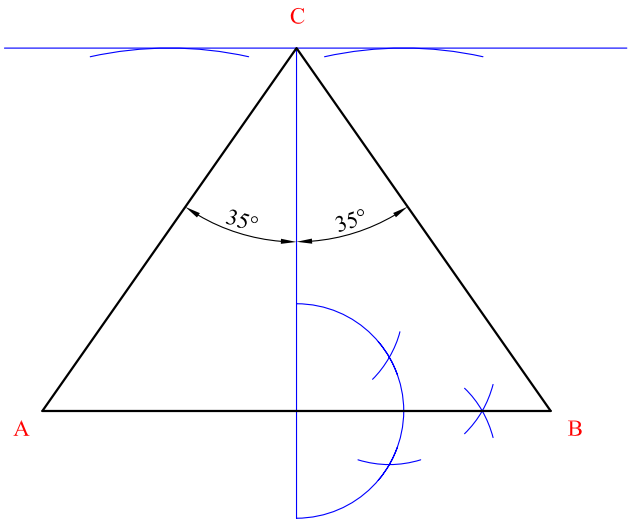
- Two base angles and the altitude

VH = 70
Angle CAB = 60°
Angle CBA = 45°



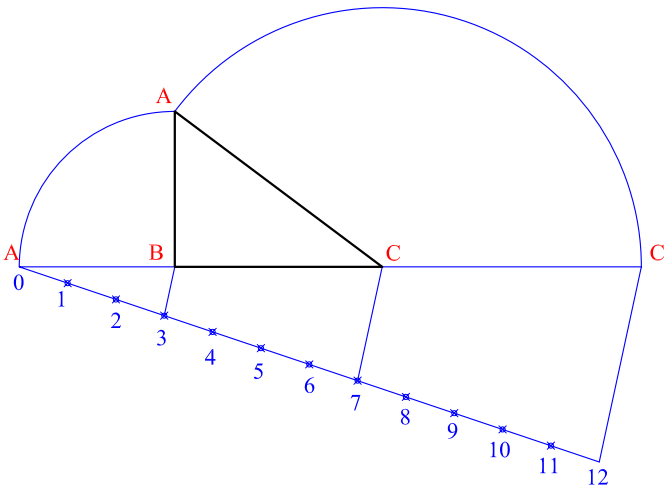
- Altitude and apex angle of an isosceles triangle

VH = 70
Angle ACB = 70°



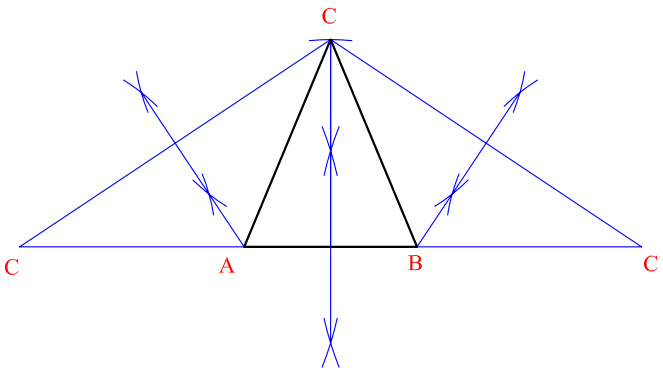
- Perimeter and the ratio of the three sides

Perimeter = 120
AB(3) : BC(4) : AC(5)



- Perimeter and altitude of an isosceles triangle

Perimeter = 120
VH = 40



CONSTRUCTION OF TRIANGLES Examples 7 - 12