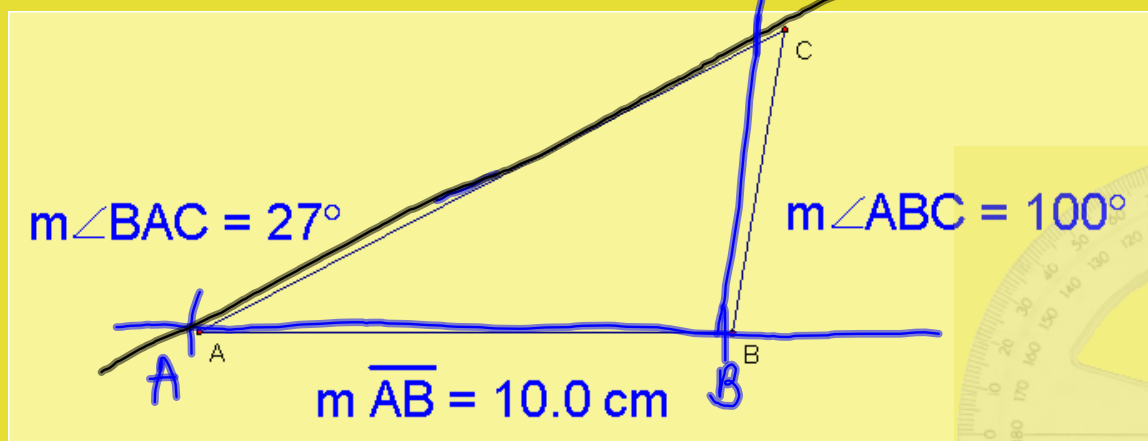


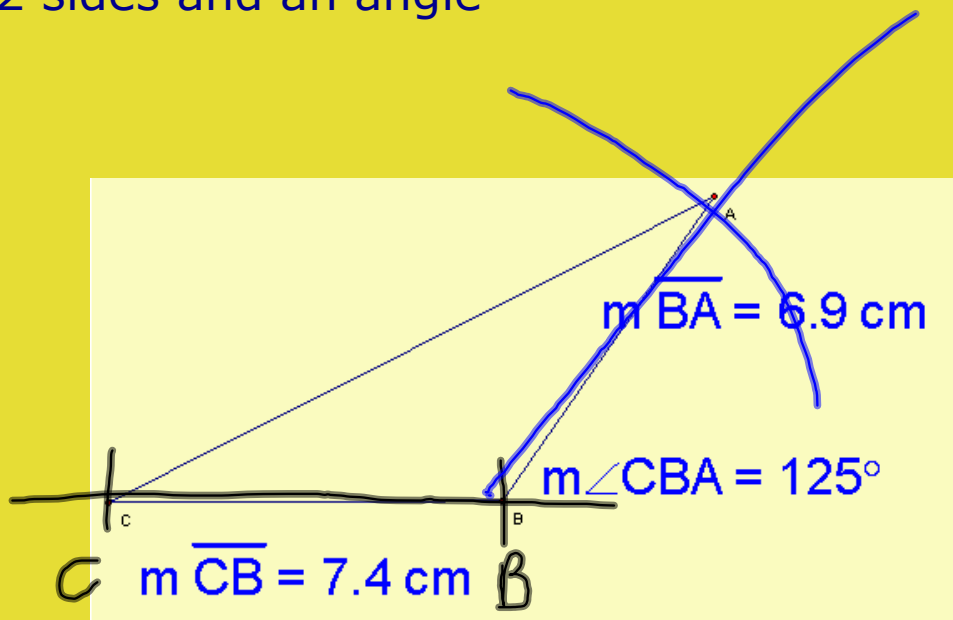
## Constructing triangles

You will need: a protractor, compasses, a ruler and pencil.

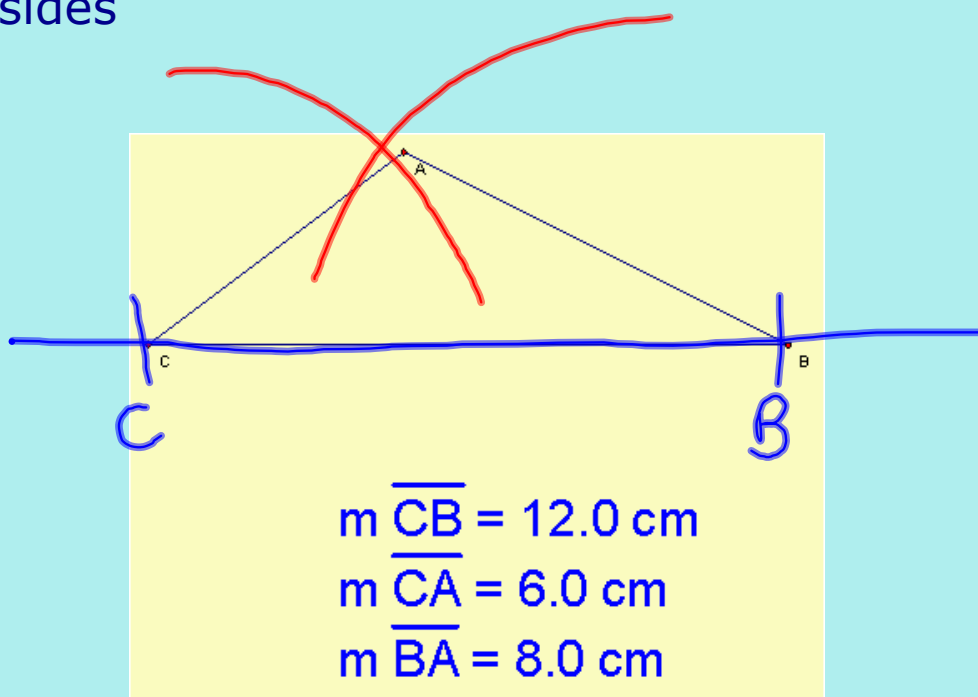
### 1. One side and 2 angles



## 2. 2 sides and an angle



### 3. 3 sides



page 523

## Constructing an equilateral triangle

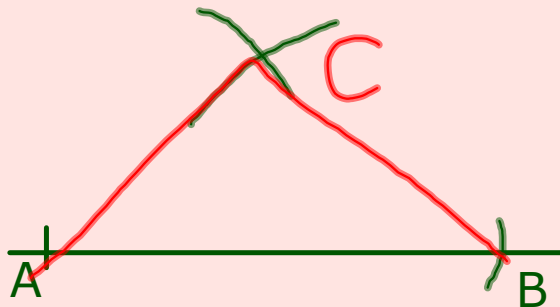
Draw a base line. \_\_\_\_\_

Set your compasses to 10cm.

Mark A on the left of your base line and B  
10cm away.



From A draw an arc and from B draw an arc.

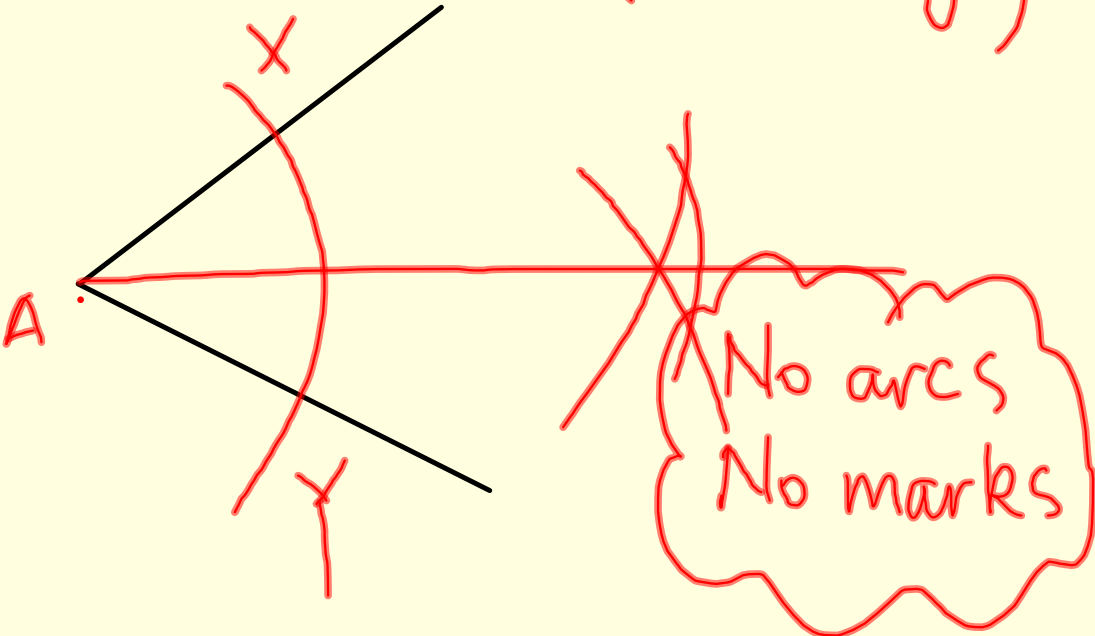


C is your 3rd point of the triangle!

Make an equilateral triangle with sides ~~12~~ 8cm.

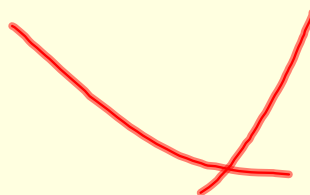
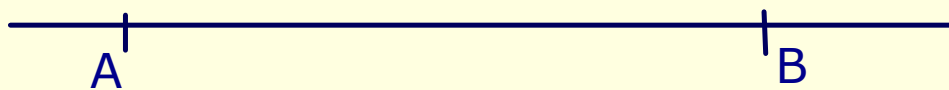
Bisecting an angle

(Halve the angle)

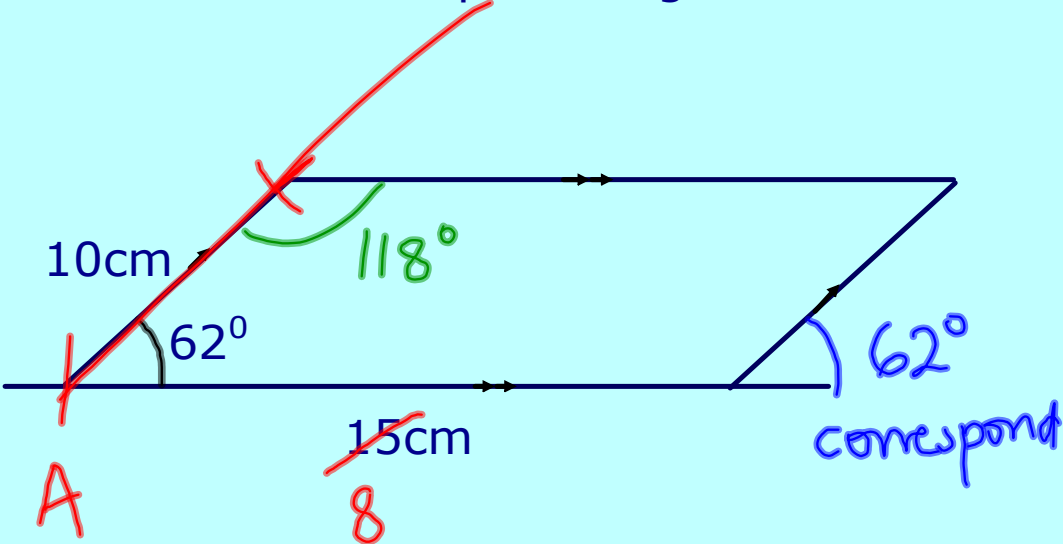


Constructing the perpendicular bisector of a line.

cross at right angles  
cut in half



Construct this parallelogram



C. Plans and elevations.ppt