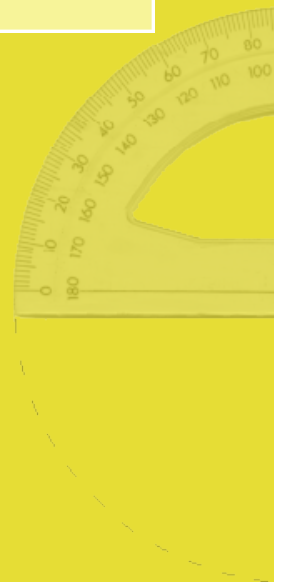
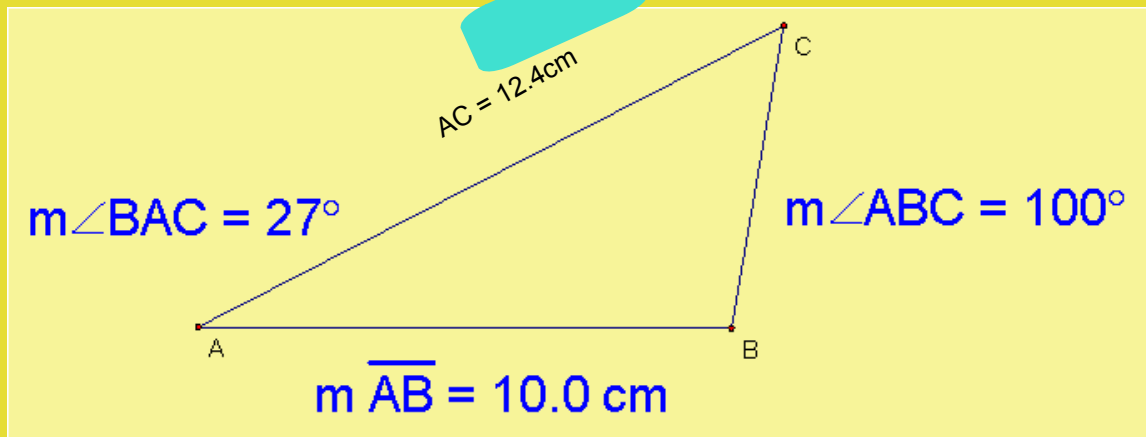


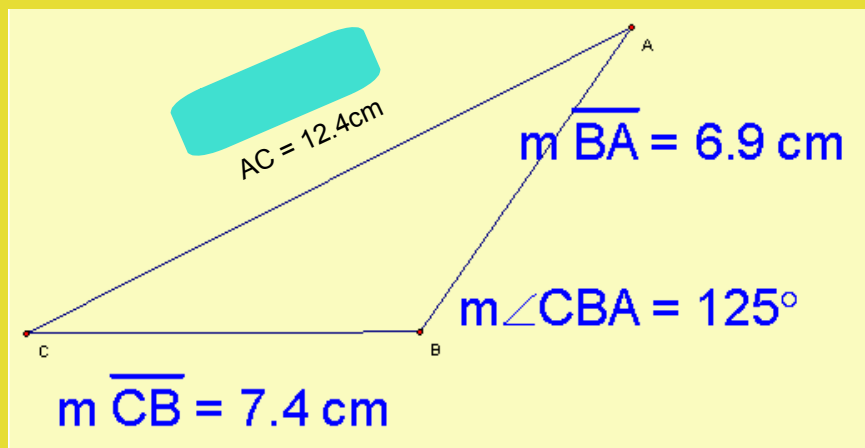
Constructing triangles

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

1. One side and 2 angles

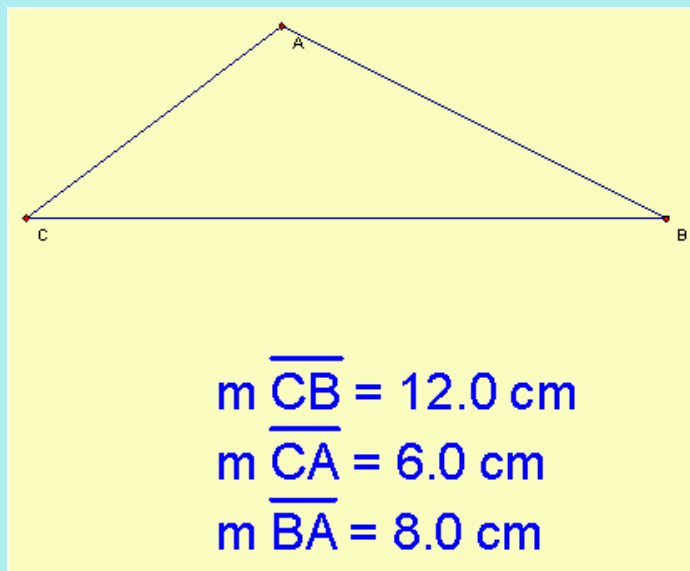


2. 2 sides and an angle

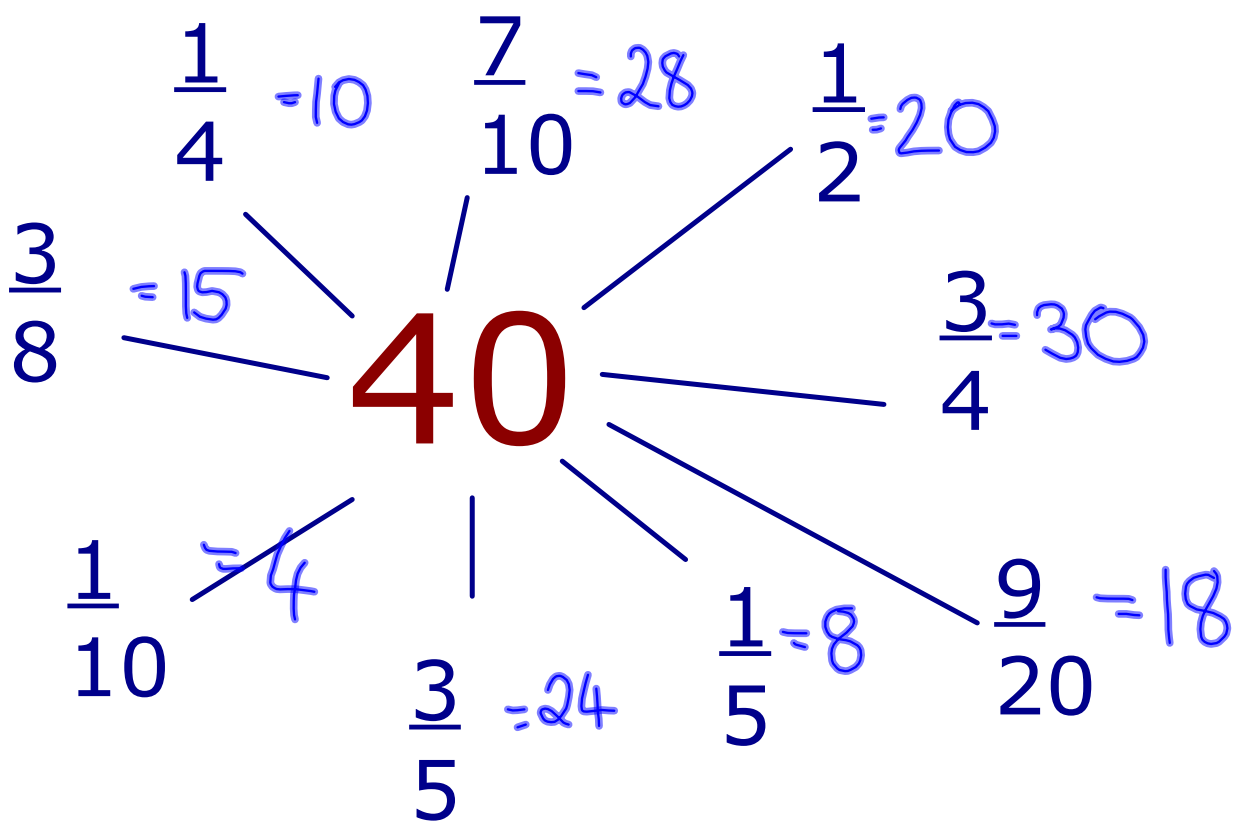


3. 3 sides


Angle CAB = 116.5°



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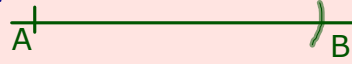


Constructing an equilateral triangle

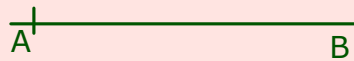
Draw a base line. 

Set your compasses to 10cm.

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



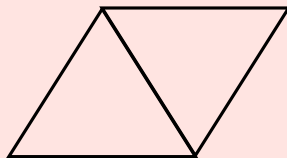
From A draw an arc and from B draw an arc.



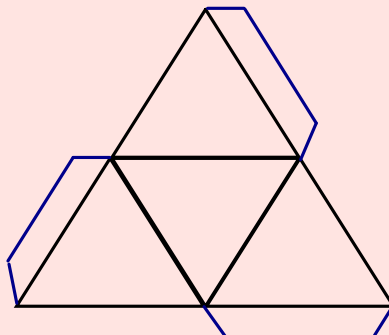
C is your 3rd point of the triangle!

Make an equilateral triangle with sides 8cm.

Construct a rhombus

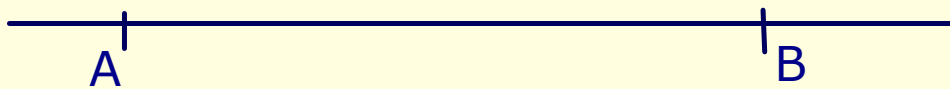


Make the net of a tetrahedron by constructing equilateral triangles (include tabs if you want to stick it together)

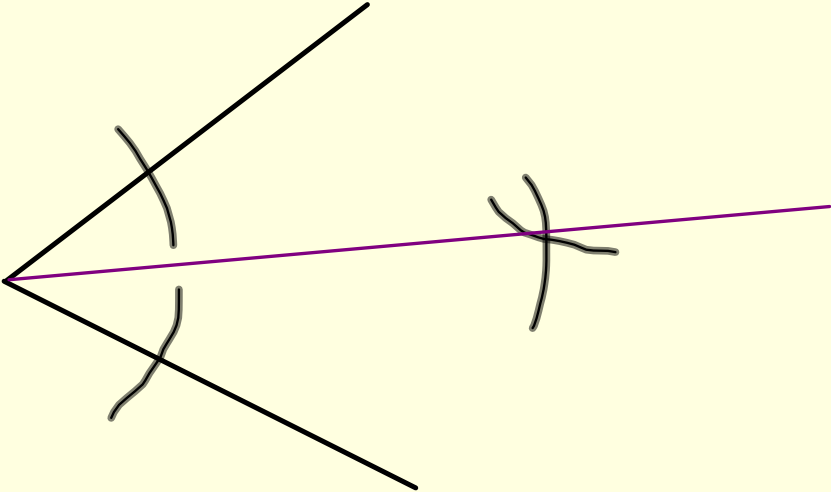


Constructing the perpendicular bisector of a line.

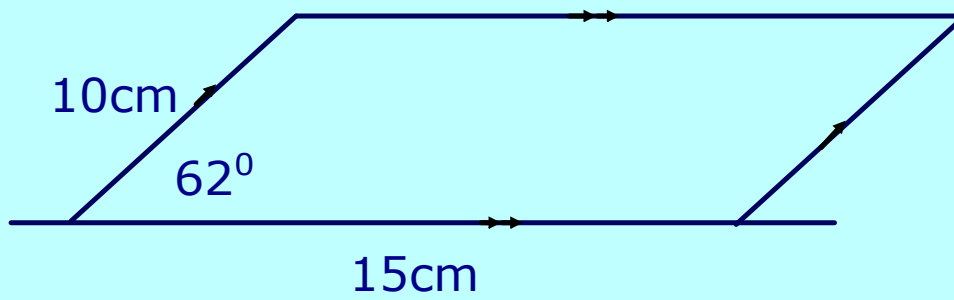
at right angles 'cut in half



Bisecting an angle



Accurately draw this parallelogram



Attachments

C. Plans and elevations.ppt