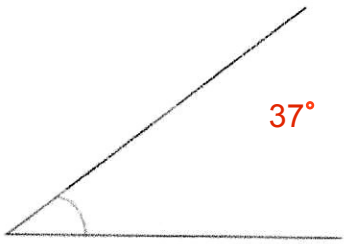
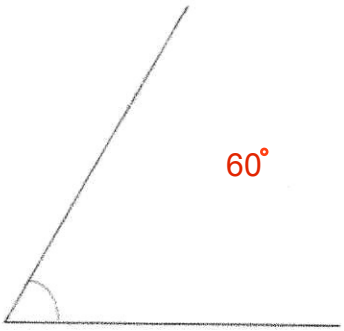
MEASURING DRAWING ANGLES & TRIANGLES

Task 1 – Measure the following angles.

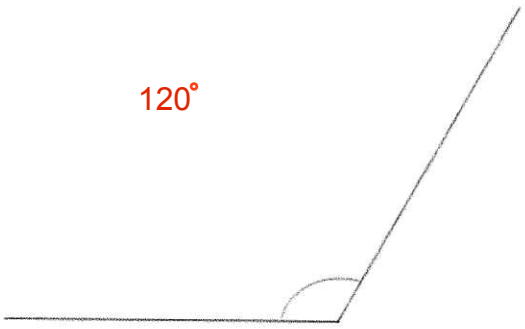
1)



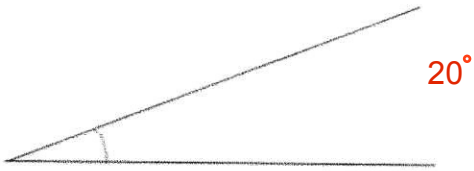
2)



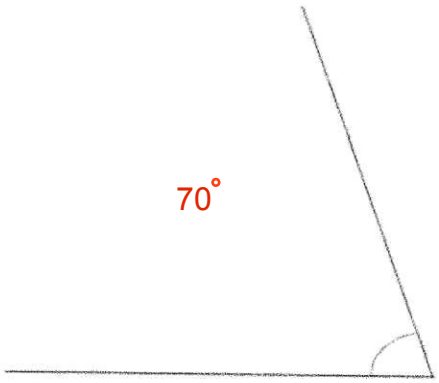
3)



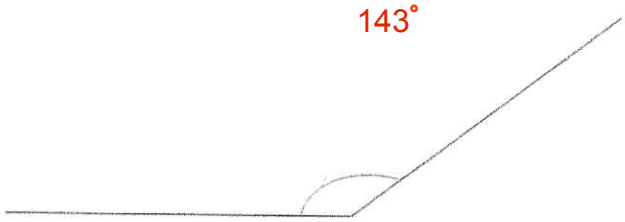
4)



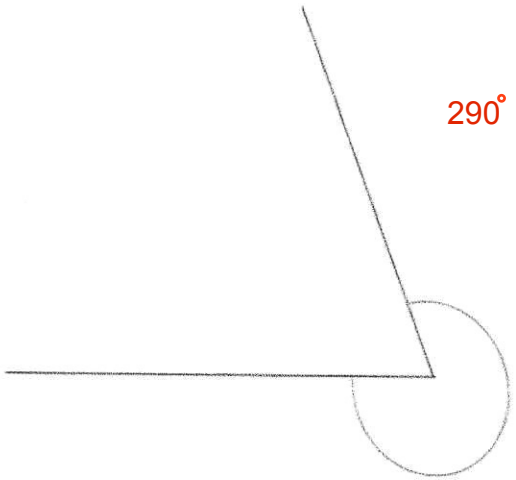
5)



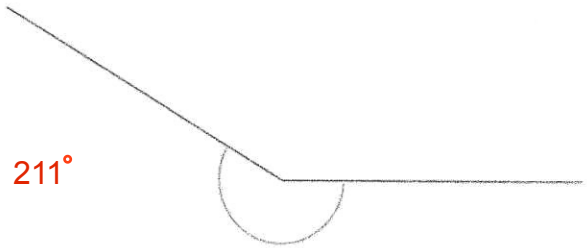
6)



7)

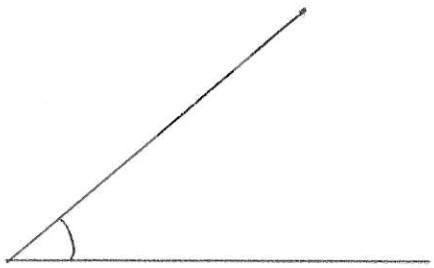


8)

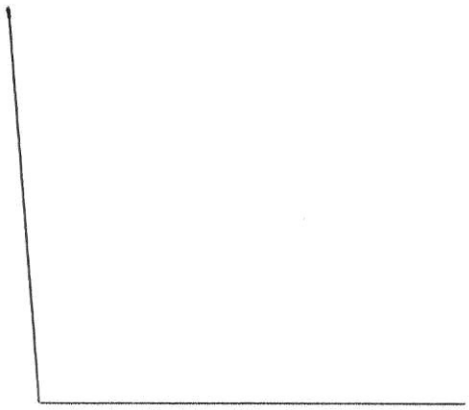


Task 2

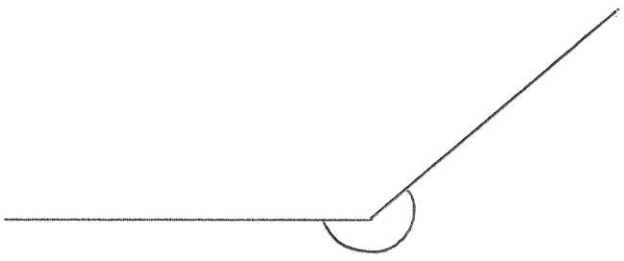
9) Draw a right facing angle of 40°.



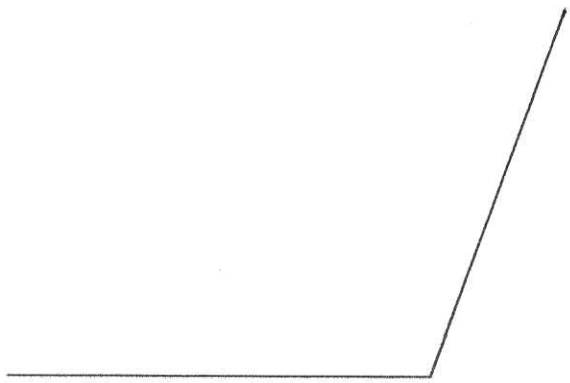
10) Draw a right facing of 95°.



11) Draw a reflex angle of 220°.

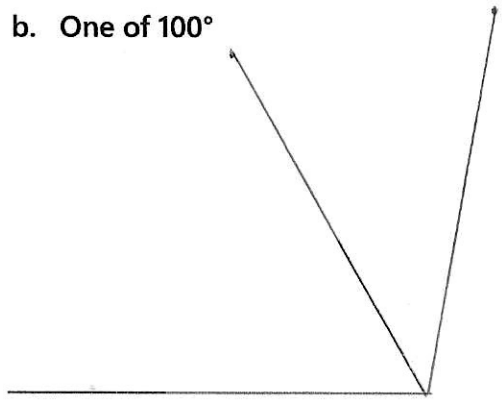


12) Draw a left facing angle of 110°.



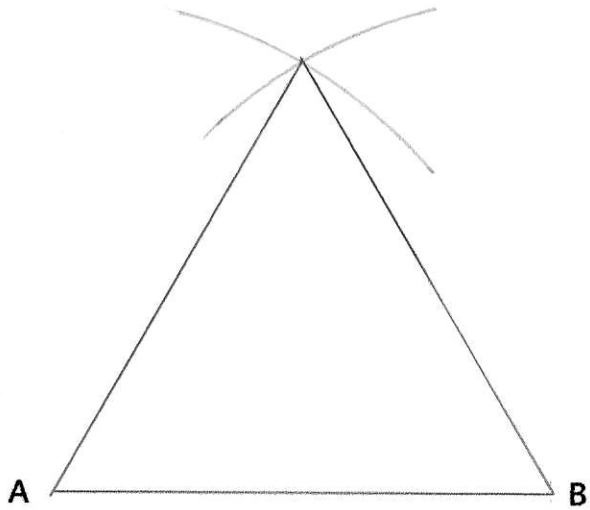
13) Draw two left facing angles on the same point:

a. One of 60°
b. One of 100°



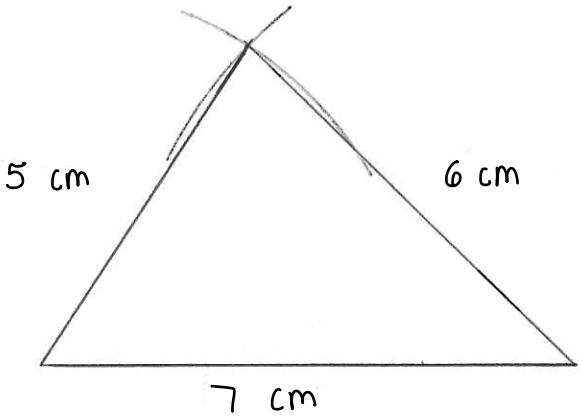
Task 3 – For each of the following use a ruler, protractor, and/or compass to complete accurate drawings.

14) Use the line below to construct an equilateral triangle ABC.

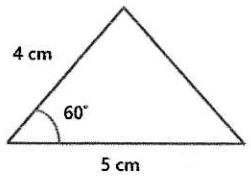


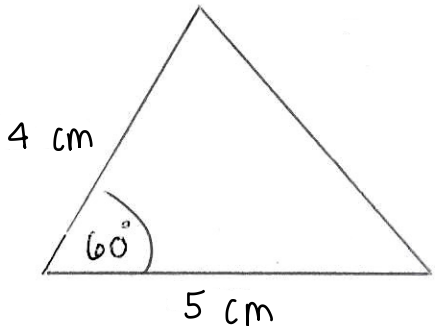
15) Draw a triangle with the following side lengths:

5 cm, 6 cm, 7 cm

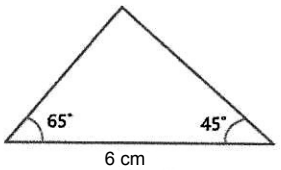


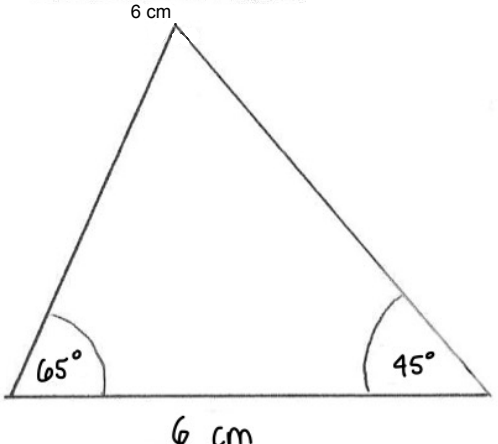
16) Create an accurate drawing of the triangle shown below.



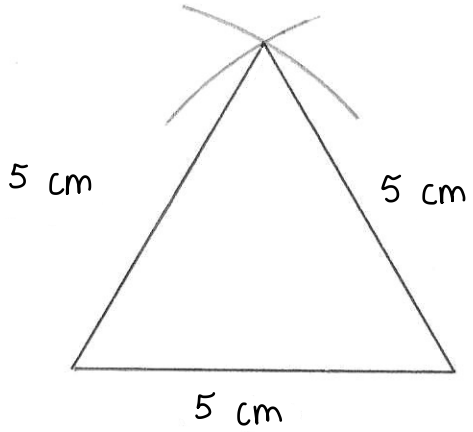


17) Create an accurate drawing of the triangle shown below.

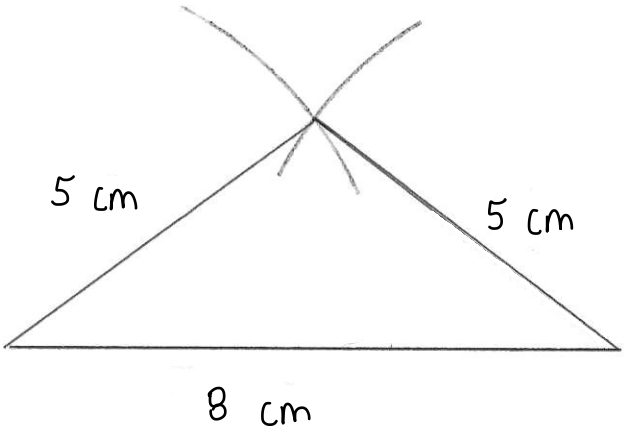




18) Construct an equilateral triangle with side lengths 5 cm.



19) Construct an isosceles triangle with a base of 8 cm, and equal sides of 5 cm length.



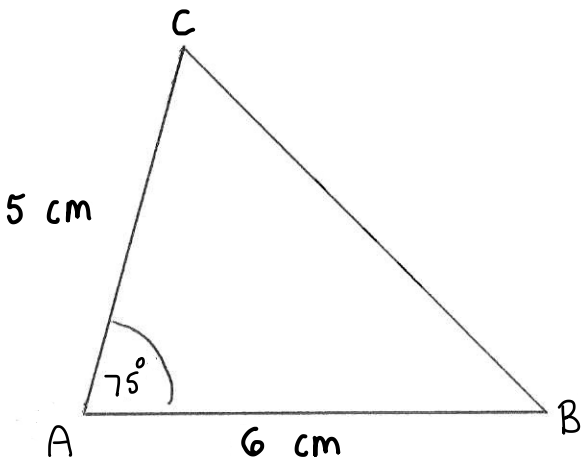
Challenge

20) Make an accurate drawing of triangle ABC where:

AB = 6 cm

AC = 5 cm

Angle CAB = 75°

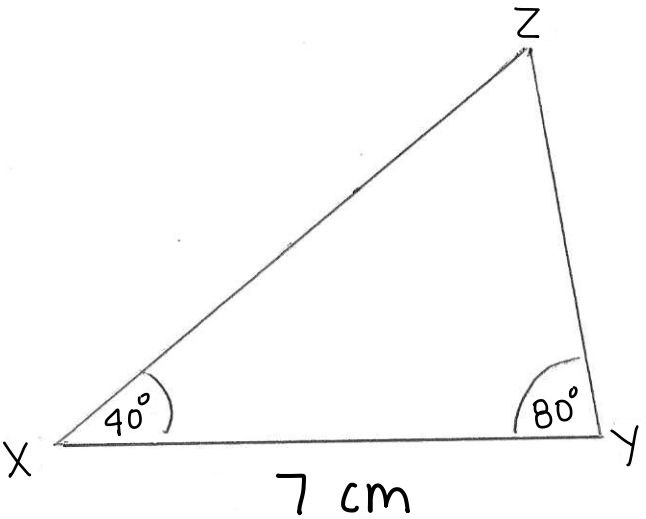


21) Make an accurate drawing of triangle XYZ where:

XY = 7 cm

Angle ZXY = 40°

Angle XYZ = 80°



22) Construct a right-angled triangle with:

Hypotenuse of 10 cm

One angle 30°