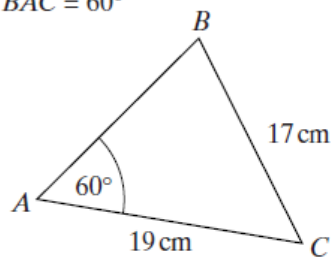


Short Assessment 1 (Version 1)

Time Allowed: 20 minutes

Total Marks: 18

1.

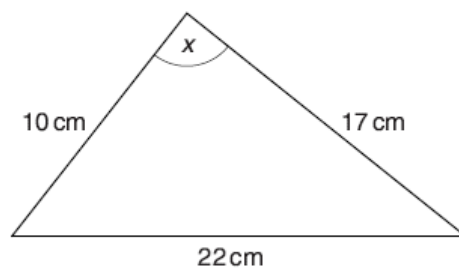
 ABC is a triangle. $AC = 19\text{ cm}$, $BC = 17\text{ cm}$ and angle $BAC = 60^\circ$ 

Not to scale

Calculate the size of angle ABC .(3 marks)

2.

Elaine has this triangular piece of material.



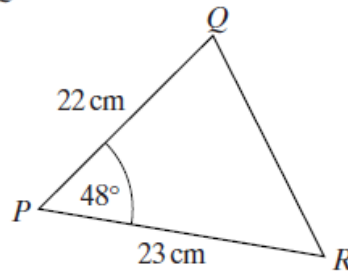
Not to scale

Calculate the size of the angle marked x .(3 marks)

3.

PQR is a triangle.

$PR = 23$ cm, $PQ = 22$ cm and angle $QPR = 48^\circ$



Not to scale

Calculate the length of QR .

Give your answer to an appropriate degree of accuracy.

(3 marks)

4.

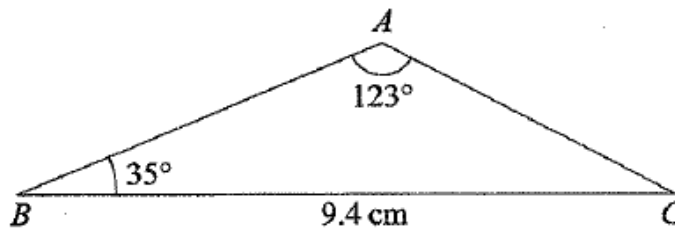


Diagram NOT
accurately drawn

$BC = 9.4$ cm.

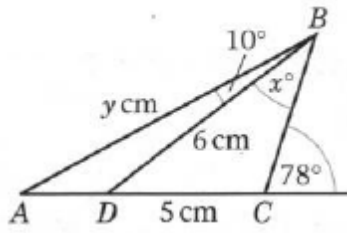
Angle $BAC = 123^\circ$.

Angle $ABC = 35^\circ$.

Calculate the length of the side AB .

(4 marks)

5. Calculate the size of the angle marked x and the length marked y in the diagram given below.
Note that $CD = 5\text{ cm}$ and $BD = 6\text{ cm}$.



(5 marks)

- End of Test -