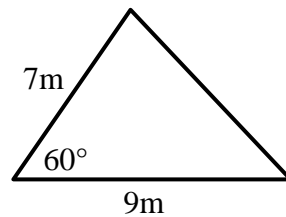


Show all working – Calculator allowed.

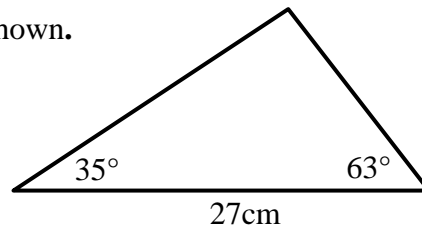
Marks

1. Calculate the area of the triangle in the diagram.



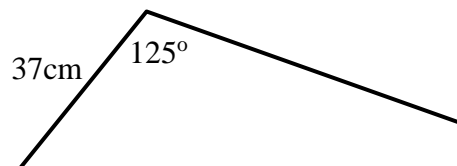
(3)

2. Calculate the length of the **shortest** side in the triangle shown.



(4)

3. A strong man in a Circus bends a metal rod 82cm long to form an angle of 125° at a point 37cm from one end. How far apart are the two ends of the rod now?



(4)

4. The three sides of a triangle are 11.2cm, 14.3cm and 20.4cm. Calculate the size of the **largest** angle in the triangle.

(4)

Total Marks: 15