

Maths

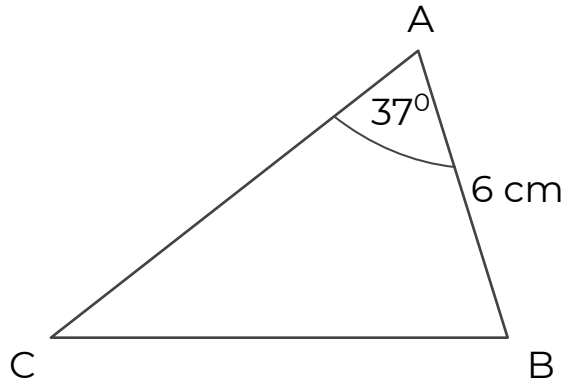
**Use  $A = \frac{1}{2}ab\sin C$  to find a missing length**

Mr Bond



# Area of triangles & missing sides

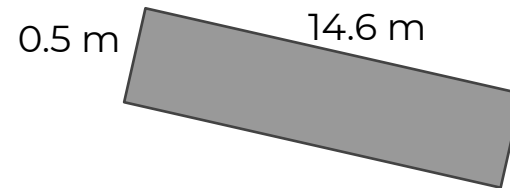
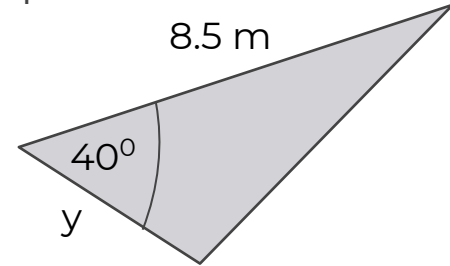
1. The area of triangle ABC is  $16.25 \text{ cm}^2$



Find the length AC.

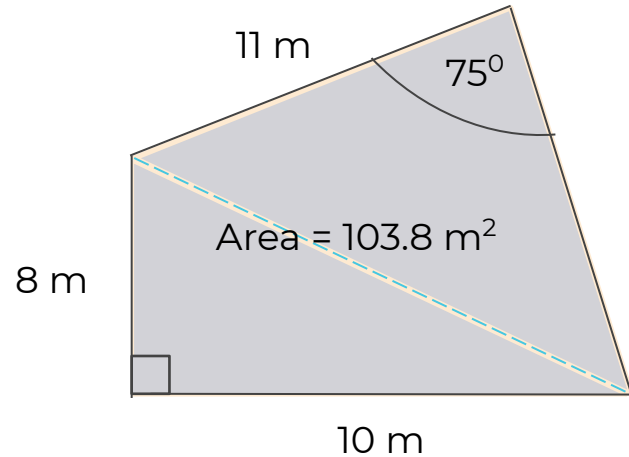
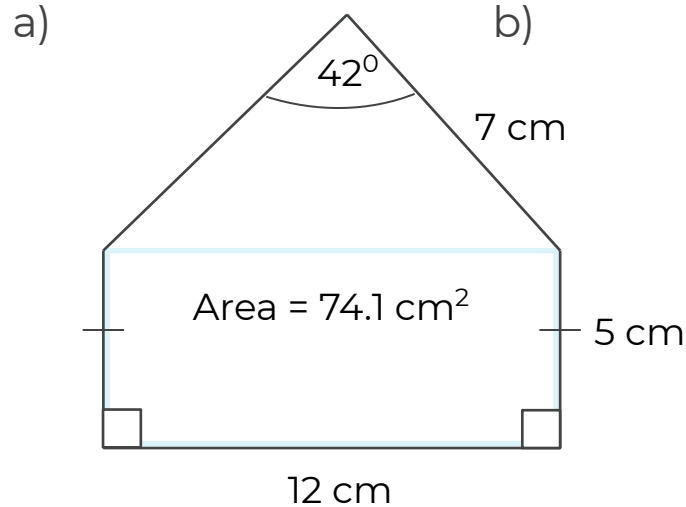
2. The area of the triangle is twice the area of the rectangle.

Calculate the distance labelled  $y$  to one decimal place.



# Area of triangles & missing sides

3. Find the perimeter of the compound shapes.

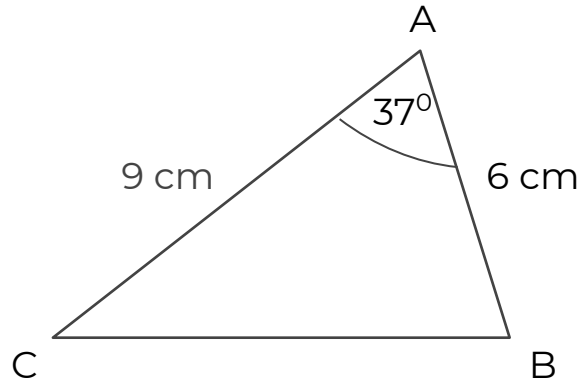


# Answers



# Area of triangles & missing sides

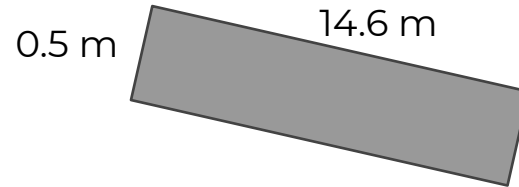
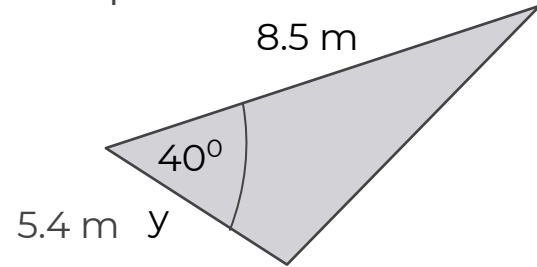
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