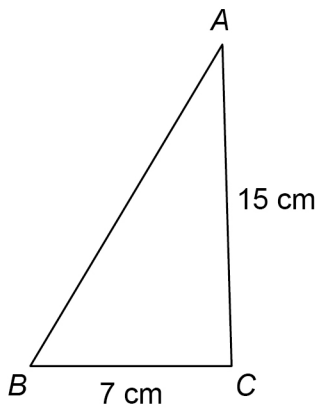
1 Here is triangle *ABC*.



Not drawn accurately

1 (a) Assume that angle $ACB = 90°$

Work out the length *AB*.

[3 marks]

Answer _____ cm

1 (b) The actual length *AB* is greater than the answer to part (a).

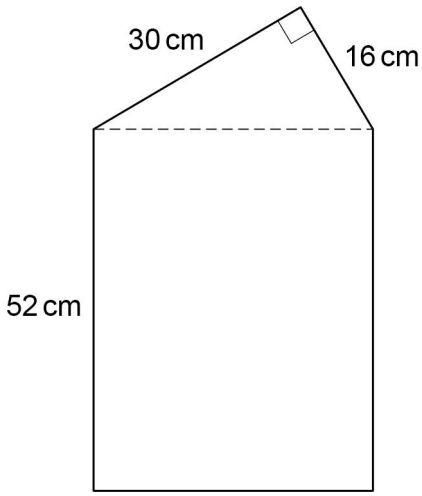
What does this mean about angle *ACB*?

Tick **one** box.

[1 mark]

- ☐ It is 90°
- ☐ It is less than 90°
- ☐ It is more than 90°
- ☐ It could be any of the above.

2 A shape is made by joining a right-angled triangle to a rectangle.



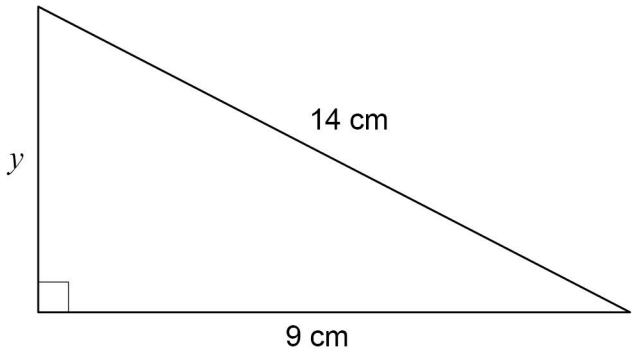
Not drawn accurately

Work out the area of the shape.

[5 marks]

Answer _____ cm^2

3 Here is a triangle.



Not drawn accurately

Use Pythagoras' theorem to work out the value of y.

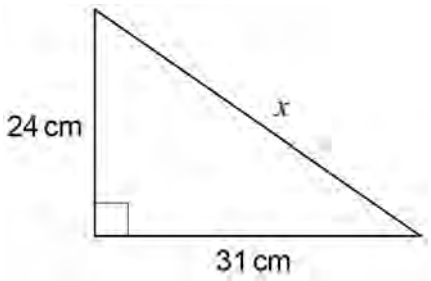
Give your answer as a decimal.

[3 marks]

$y =$ _____ cm

4

Not drawn accurately



Use Pythagoras' theorem to work out the value of x.

Give your answer as a decimal.

[3 marks]

Answer _____ cm