11 The diagram shows a quadrilateral *ABCD*

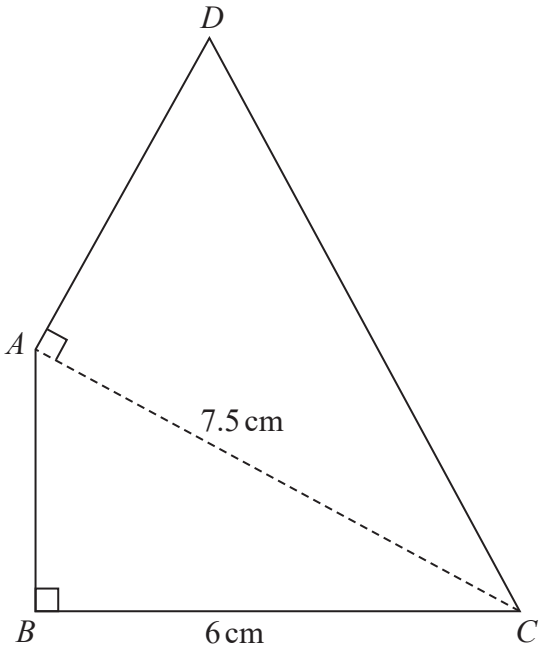


Diagram **NOT** accurately drawn

In the diagram, *ABC* and *DAC* are right-angled triangles.

$BC = 6\,\text{cm}$ $AC = 7.5\,\text{cm}$

The area of quadrilateral *ABCD* is $31.5\,\text{cm}^2$

Work out the length of *AD*

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Question 11 continued.

..... cm

(Total for Question 11 is 6 marks)

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