

2 In triangle ABC , $AB = 3x$ cm, $BC = 5x$ cm and $\angle ABC = 110^\circ$

(a) Find, in degrees to one decimal place, the size of $\angle BCA$

(4)

The area of triangle ABC is 24 cm^2

(b) Find, to 3 significant figures, the value of x

(3)

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Question 2 continued

Handwriting practice area with horizontal dotted lines.

(Total for Question 2 is 7 marks)

