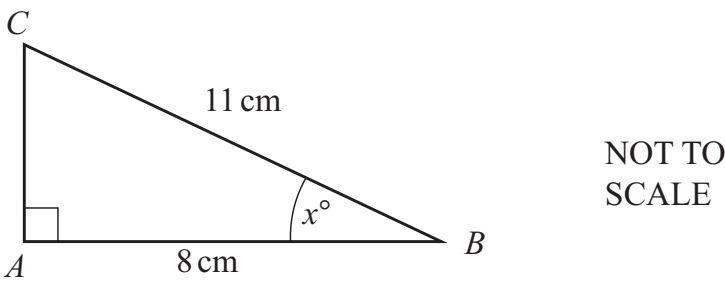


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The diagram shows a right-angled triangle ABC .

(a) Work out the exact length of AC .

..... cm [3]

(b) $\cos x = k$

Write down the value of k .

$k =$ [1]