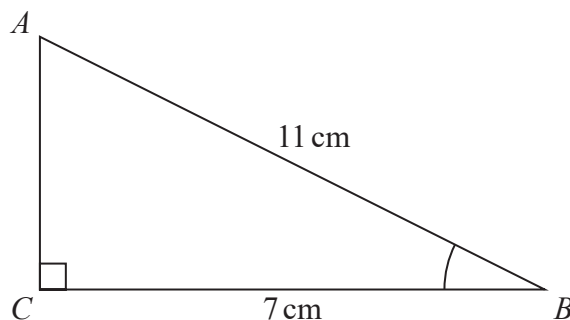


5  $ABC$  is a right-angled triangle.



- (a) Work out the size of angle  $ABC$ .  
Give your answer correct to 1 decimal place.

.....  
(2)

The length of the side  $AB$  is reduced by 1 cm.

The length of the side  $BC$  is still 7 cm.  
Angle  $ACB$  is still  $90^\circ$

- (b) Will the value of  $\cos ABC$  increase or decrease?  
You must give a reason for your answer.

.....  
.....  
(1)

(Total for Question 5 is 3 marks)

