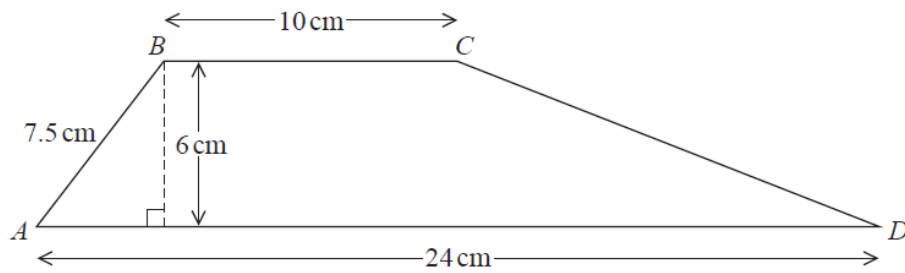


- 1 $ABCD$ is a trapezium.

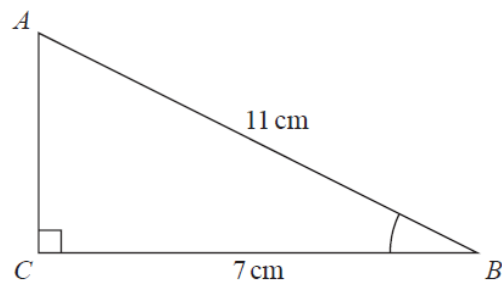


Work out the size of angle CDA .
Give your answer correct to 1 decimal place.

.....
○

(Total for Question is 5 marks)

- 2 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 .

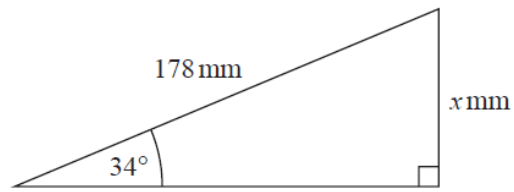
The length of the side BC is still 7 cm .
Angle ACB is still 90°

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

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

(Total for Question is 3 marks)

3



Work out the value of x .
Give your answer correct to 1 decimal place.

.....
(Total for Question is 2 marks)