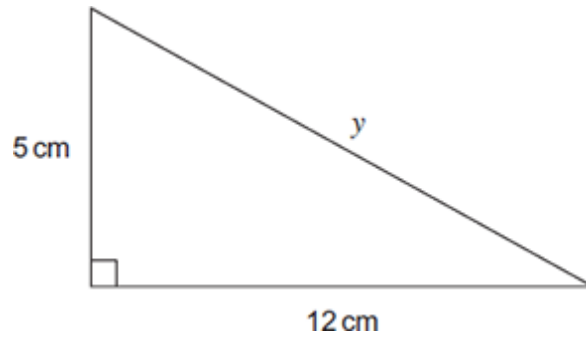


Non-Calculator

Q1.

Work out the length y .

Not drawn
accurately

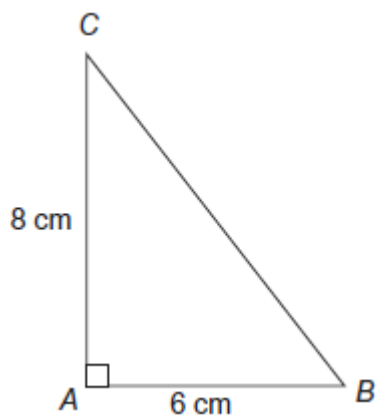


Answer _____ cm
(Total 3 marks)

Q2.

Work out length BC .

Not drawn accurately



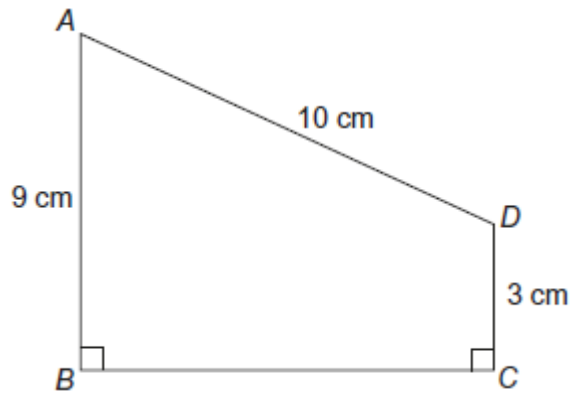
Answer _____ cm

(Total 3 marks)

Q3.

$ABCD$ is a trapezium.

Not drawn accurately

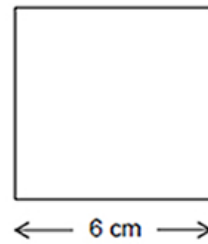
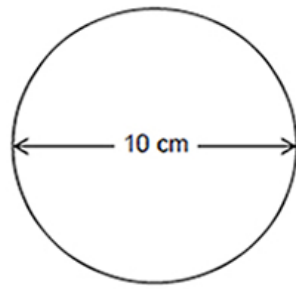


Work out the length of BC .
You **must** show your working.

Answer _____ cm
(Total 4 marks)

Q4.

A circle has diameter 10 cm.
A square has side length 6 cm.



Not drawn accurately

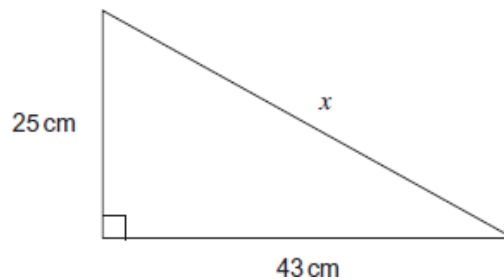
Use Pythagoras' theorem to show that the square will fit inside the circle without touching the edge of the circle.

(Total 3 marks)

Calculator

Q5.

Calculate the length x in the triangle.

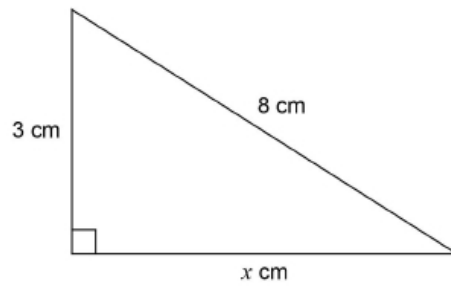


Not drawn accurately

Answer _____ cm

(Total 3 marks)

Q6.



Not drawn accurately

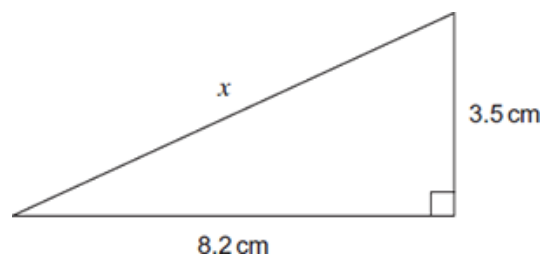
Work out the value of x as a decimal.

Answer _____

(Total 3 marks)

Q7.

Work out the length x .



Not drawn accurately

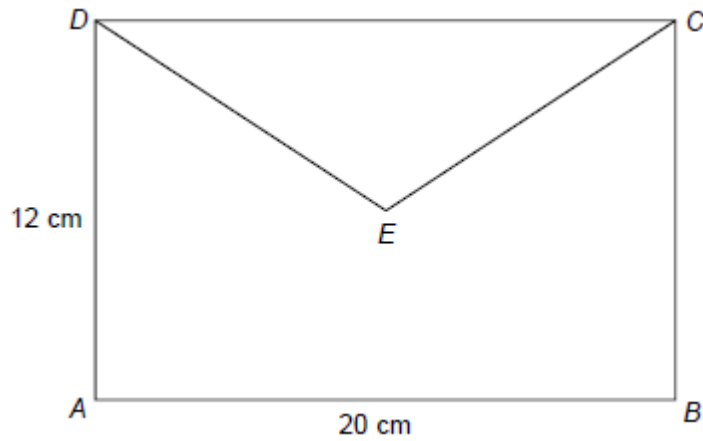
Answer _____ cm

(Total 3 marks)

Q8.

E is the centre of rectangle $ABCD$.

Not drawn accurately



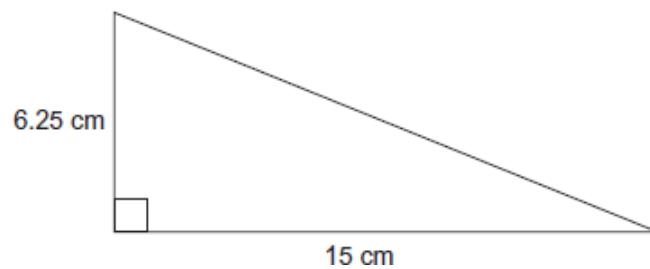
Work out the length DE .

Answer _____ cm
(Total 3 marks)

Q9.

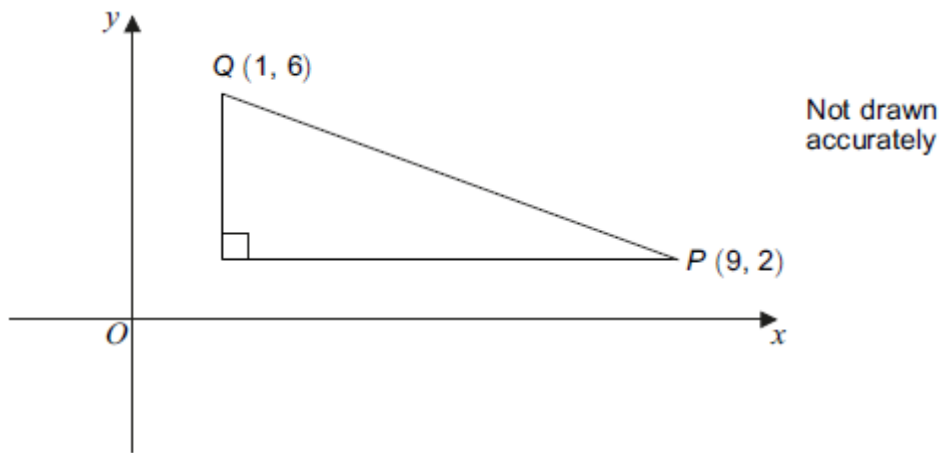
Work out the length of the hypotenuse.

Not drawn accurately



Answer _____ cm
(Total 3 marks)

Q10.

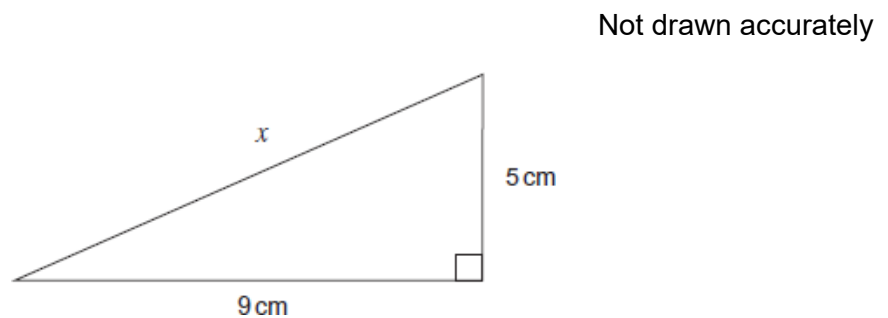


Work out the length of PQ .

Give your answer to 3 significant figures.

$PQ =$ _____ (Total 4 marks)

Q11.



Work out the length x

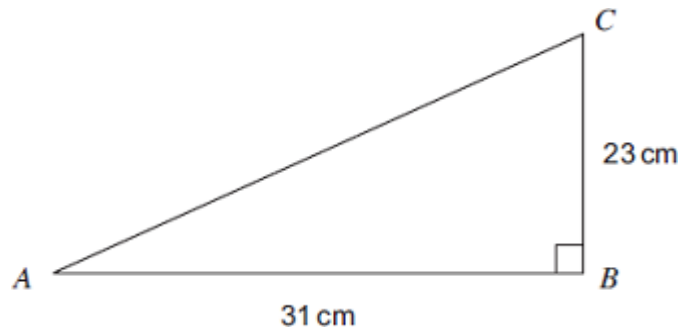
Give your answer to 1 decimal place.

Answer _____ cm (Total 4 marks)

Q12.

Work out the length AC .

Not drawn accurately



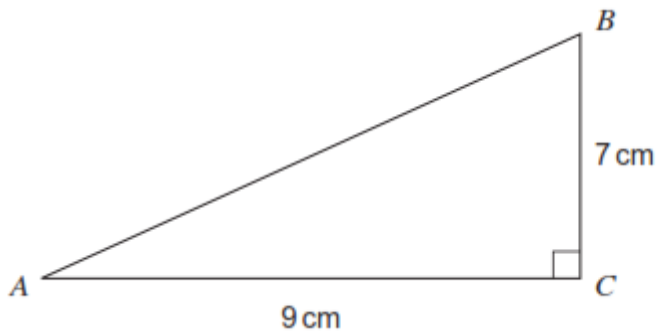
Answer _____ cm

(Total 3 marks)

Q13.

Work out length AB as a decimal.

Not drawn accurately

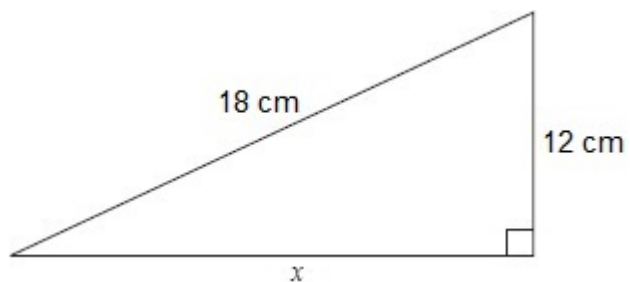


Answer _____ cm

(Total 3 marks)

Q14.

Work out the length x .



Not drawn accurately

Give your answer to 1 decimal place.

Answer _____ cm
(Total 4 marks)