

22 The diagram shows a rectangle.

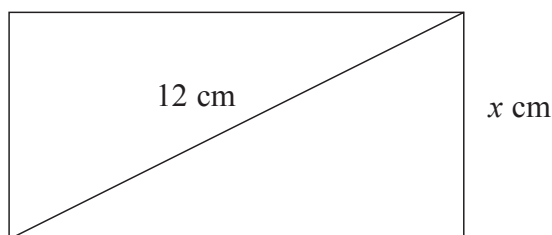


Diagram **NOT**
accurately drawn

The width of the rectangle is x cm.

The length of a diagonal of the rectangle is 12 cm.

The perimeter of the rectangle is 28 cm.

Find the possible values of x .

Give your values correct to 3 significant figures.

Show your working clearly.

DO NOT WRITE IN THIS AREA

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(Total for Question 22 is 7 marks)

