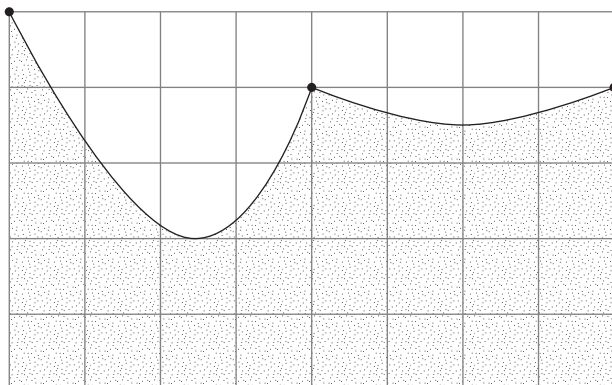


Question 27 (5 marks)

The shaded region on the diagram represents a garden. The scale is 1 cm = 5 m.



- (a) Use two applications of the trapezoidal rule to calculate the approximate area of the garden.

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- (b) Should the answer to part (a) be more than, equal to or less than the actual area of the garden? Referring to the diagram above, briefly explain your answer.

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Questions 16–27 are worth 44 marks in total