5 Calvin has 12 identical rectangular tiles.
He arranges the tiles to fit exactly round the edge of a shaded rectangle, as shown in the diagram below.

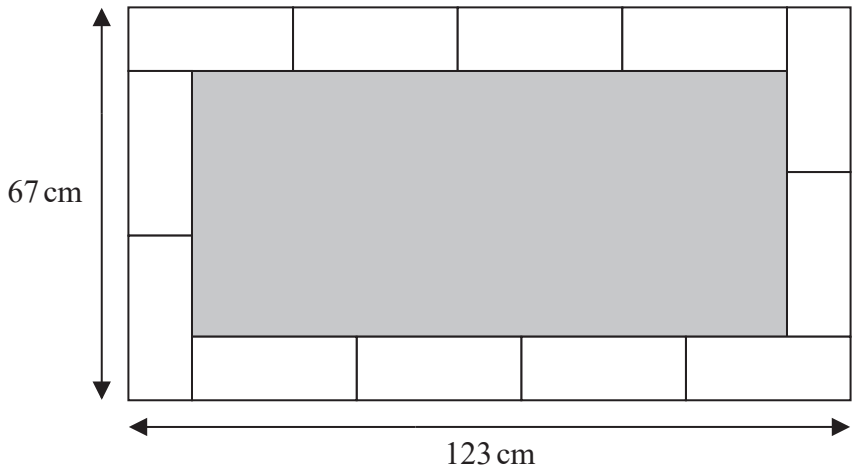


Diagram **NOT** accurately drawn

Work out the area of the shaded rectangle.

cm^2

(Total for Question 5 is 5 marks)

DO NOT WRITE IN THIS AREA
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DO NOT WRITE IN THIS AREA