2.11 Area and Perimeter: 10-minute Pack

EDEXCEL 1MA1 · Calculator allowed · about 10 minutes

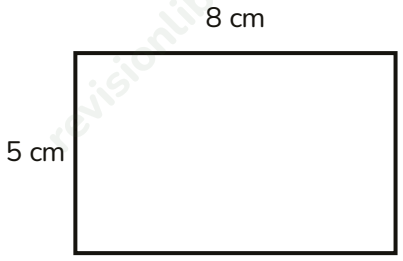
Total Marks

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 A rectangle has length 8 cm and width 5 cm.

Diagram NOT accurately drawn



(a) Work out the perimeter of the rectangle. **(2)**

.....

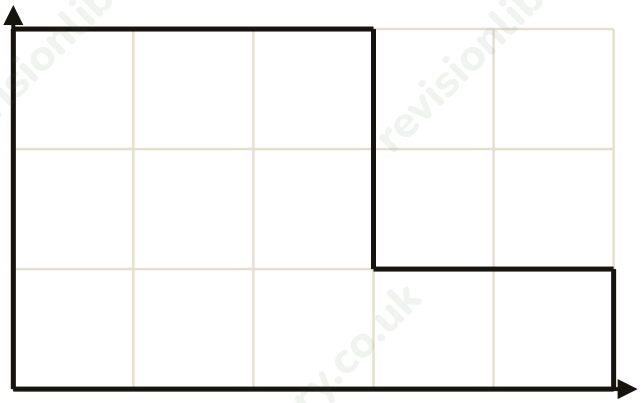
(b) Work out the area of the rectangle. **(2)**

.....

(Total for Question 1 is 4 marks)

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2 The shape below is drawn on a 1 cm square grid, made from whole centimetre squares.



(a) Find the area of the shape by counting whole squares. **(1)**

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(b) Find the perimeter of the shape by counting the unit lengths along the edge. **(1)**

.....

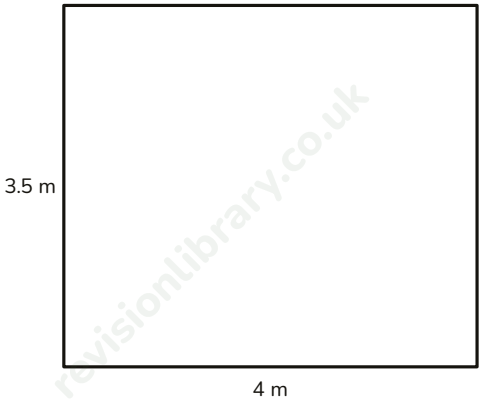
(Total for Question 2 is 2 marks)

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3 A rectangular room measures 4 m by 3.5 m. Carpet costs £12.50 per m^2.

Work out the total cost of carpeting the room.

Diagram NOT accurately drawn



(Total for Question 3 is 3 marks)

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Mark scheme · 2.11 Area and Perimeter: 10-minute Pack

Question 1

(a) 8 + 8 + 5 + 5 or 2(8 + 5) oe	**M1**
(a) 26 cao	**A1**
(a) Answer: 26 cm	
(b) 8 x 5	**M1**
(b) 40 cao	**A1**
(b) Answer: 40 cm^2	

Question 2

(a) 11 cao	**B1**
(a) Answer: 11 cm^2	
(b) 16 cao	**B1**
(b) Answer: 16 cm	

Question 3

4 x 3.5	**M1**
14 x 12.50, ft their area	**M1**
175 (pounds) cao	**A1**
Answer: £175	

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