

# Perimeter

Please write clearly in block capitals

Forename:

Surname:

## Materials

For this paper you must have:

- mathematical instruments



You **can** use a calculator.

## Instructions

- Use black ink or black ball-point pen. Draw diagrams in pencil.
- Fill in the boxes at the top of this page.
- Answer all questions.
- You must answer the questions in the spaces provided. Do not write outside the box around each page or on blank pages.
- Do all rough work in this book. Cross through any work you do not want to be marked.

## Information

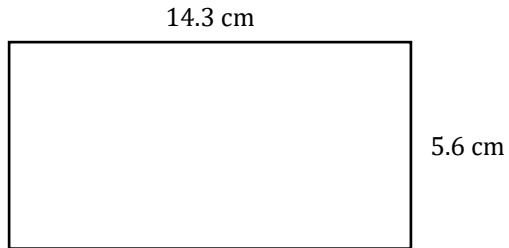
- The marks for questions are shown in brackets.
- You may ask for graph paper, tracing paper and more answer paper. These must be tagged securely to this answer book.

## Advice

- In all calculations, show clearly how you work out your answer.

- 1 Find the perimeter of the rectangle below:

Not drawn  
accurately



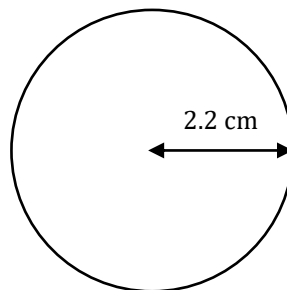
[2 marks]

\_\_\_\_\_

\_\_\_\_\_

Answer \_\_\_\_\_ cm

- 2 Find the perimeter of the circle below:



[2 marks]

\_\_\_\_\_

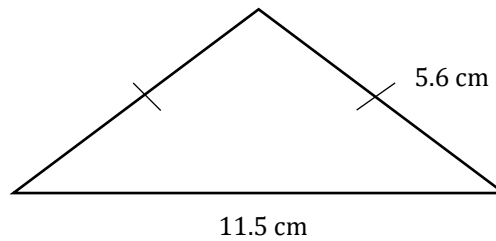
\_\_\_\_\_

Answer \_\_\_\_\_

Turn over for next question

- 3 Find the perimeter of the isosceles triangle below:

Not drawn  
accurately



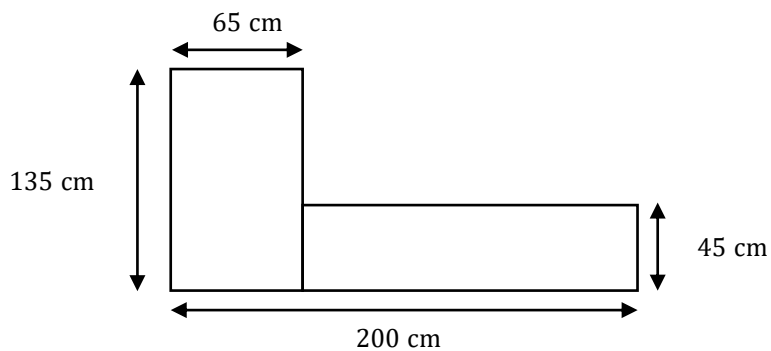
[2 marks]

\_\_\_\_\_

\_\_\_\_\_

Answer \_\_\_\_\_ cm

- 4 Find the perimeter of the compound shape below:



[2 marks]

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Answer \_\_\_\_\_

Turn over for next question

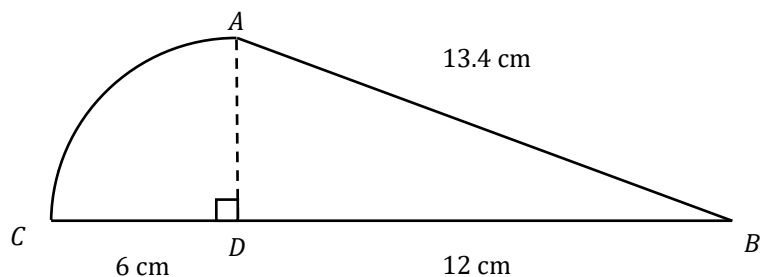
Turn over ►

- 5 Part of a circle is attached to a right angle triangle, as shown below.

$$CD = 6 \text{ cm}$$

$$DB = 12 \text{ cm}$$

$$AB = 13.4 \text{ cm}$$



Not drawn  
accurately

Find the perimeter of the shape.

Give your answer to 2 decimal places.

[2 marks]

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Answer \_\_\_\_\_ cm



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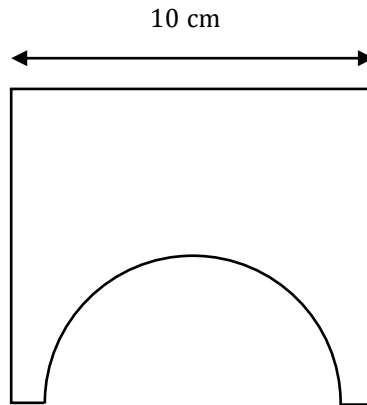


Turn over ►

6 A semicircle is cut out of a square piece of wood shown below.

The square has a length of 10 cm

The diameter of the circle is 8 cm



Not drawn  
accurately

Find the perimeter of the shape above.

Give your answer to 2 decimal places.

**[3 marks]**

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Answer \_\_\_\_\_ cm

**End of Questions**