

Please write clearly in block capitals.

Centre number

Candidate number

Surname _____

Forename(s) _____

Candidate signature _____

I declare this is my own work.

Functional Skills Level 1 MATHEMATICS

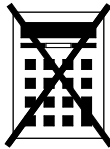
Paper 1 Non-Calculator

Time allowed: 30 minutes

Materials

For this paper you must have:

- mathematical instruments.
- You must **not** use a calculator.



Instructions

- Use black ink or black ball-point pen. Draw diagrams in pencil.
- 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.
- If you need extra space for your answer(s), use the lined pages at the end of this book. Write the question number against your answer(s).
- Do all rough work in this book. Cross through any work you do not want to be marked.
- State the units of your answer where appropriate.

Information

- The marks for questions are shown in brackets.
- The maximum mark for this paper is 20.
- You may ask for more answer paper, graph paper and tracing paper. These must be tagged securely to this answer book.

Advice

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

For Examiner's Use	
Question	Mark
1–5	
6	
TOTAL	



Section AAnswer **all** questions in the spaces provided.

- 1** Circle the value of 8^2 **[1 mark]**
- 64 16 10 4

- 2** A fair, ordinary dice is rolled.
What is the probability of rolling an **even** number?
Circle your answer. **[1 mark]**
- $\frac{1}{6}$ $\frac{2}{6}$ $\frac{3}{6}$ $\frac{5}{6}$

- 3** Work out $15 - (6 - 2)$ **[1 mark]**

Answer _____



- 4 By rounding 2.97 to the nearest whole number, estimate the answer to

$$45 \times 2.97$$

[2 marks]

Answer _____

- 5 Complete the table to show equivalent fractions, decimals and percentages.

[3 marks]

Fraction	Decimal	Percentage
	0.25	25%
$\frac{2}{5}$		40%
$\frac{3}{10}$	0.3	

8

Turn over for the next question

Turn over ►



Section B

Answer **all** questions in the spaces provided.

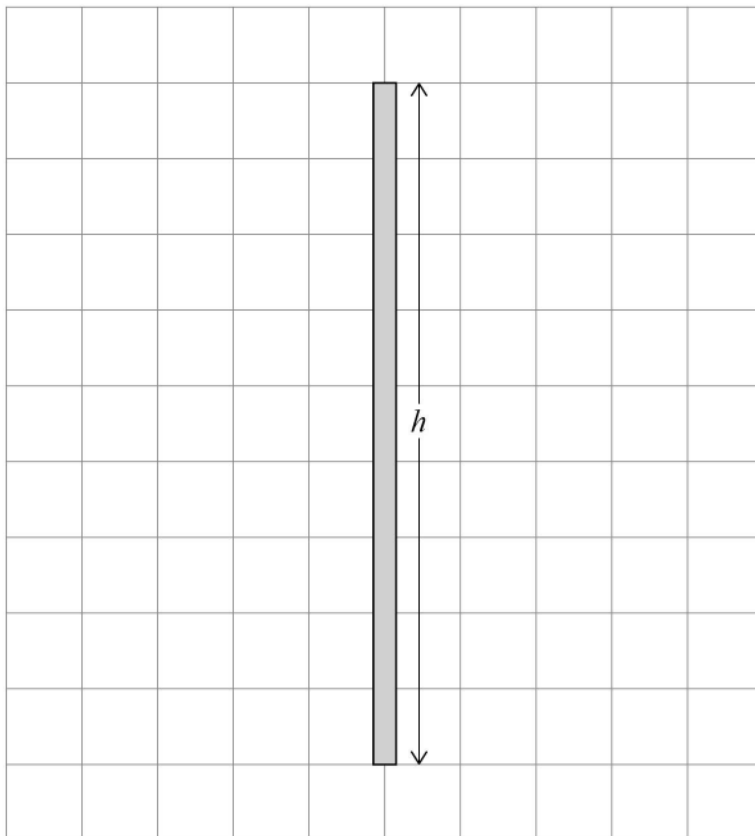
6 Flags

Evie collects flags and flies them from her flagpole.



6 (a) Here is a scale drawing, on a centimetre grid, of the side elevation of her flagpole.

Scale: 1 centimetre represents 0.5 metres



Is the height, h , of the flagpole **more than** 4 metres?





You **must** show your working.

[3 marks]



- 6 (b) Evie has drawn a pictogram to show the types of flag in her collection.

Key:  represents 2 flags

Patterned	
Animal	
National	
Plain	

Evie says,

“**Less than** one third of my flags are national flags.”

Is Evie correct?

You **must** show your working.

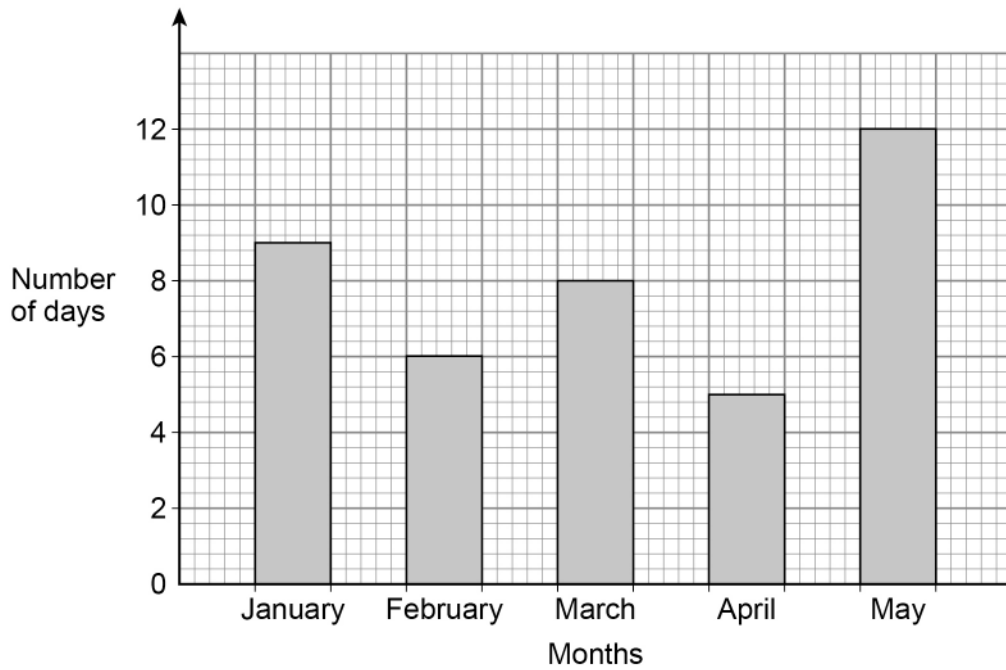
[5 marks]

Turn over ►



6 (c) Evie flies flags on special days.

The bar chart shows the number of special days in the months January to May.



In the previous 5 months the mean number of special days per month was 7

Show that the mean is **greater** for the 5 months shown on the bar chart.

[4 marks]

12

END OF QUESTIONS



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1 2



2 2 6 A 8 3 6 1 / 1

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