



Surname _____

Other Names _____

Centre Number _____

Candidate Number _____

Candidate Signature _____

I declare this is my own work.

Functional Skills Level 1

MATHEMATICS

Paper 1 Non-Calculator

8361/1

Time allowed: 30 minutes

At the top of the page, write your surname and other names, your centre number, your candidate number and add your signature.

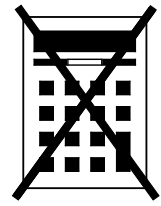
[Turn over]



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 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.

DO NOT TURN OVER UNTIL TOLD TO DO SO



SECTION A

Answer 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 _____

[Turn over]



- 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	

$\frac{\quad}{8}$



SECTION B

Answer ALL questions in the spaces provided.

6 FLAGS

Evie collects flags and flies them from her flagpole.

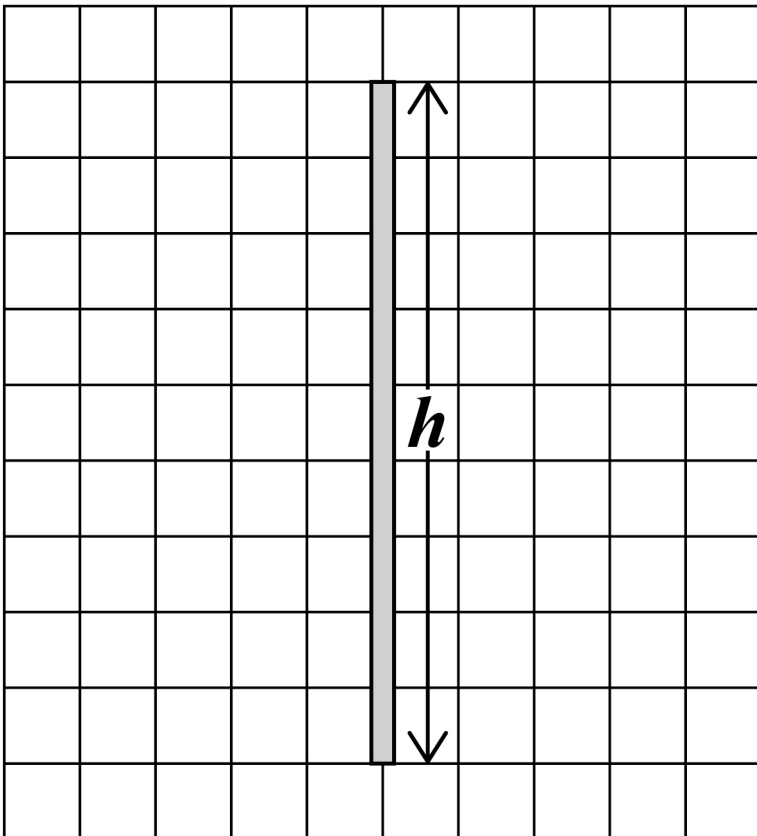


[Turn over]



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]**

[Turn over]

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

Patterned	
Animal	
National	
Plain	

KEY:  represents 2 flags

Evie says,

“LESS THAN one third of my flags are national flags.”

Is Evie correct?

**You MUST show your working.
[5 marks]**



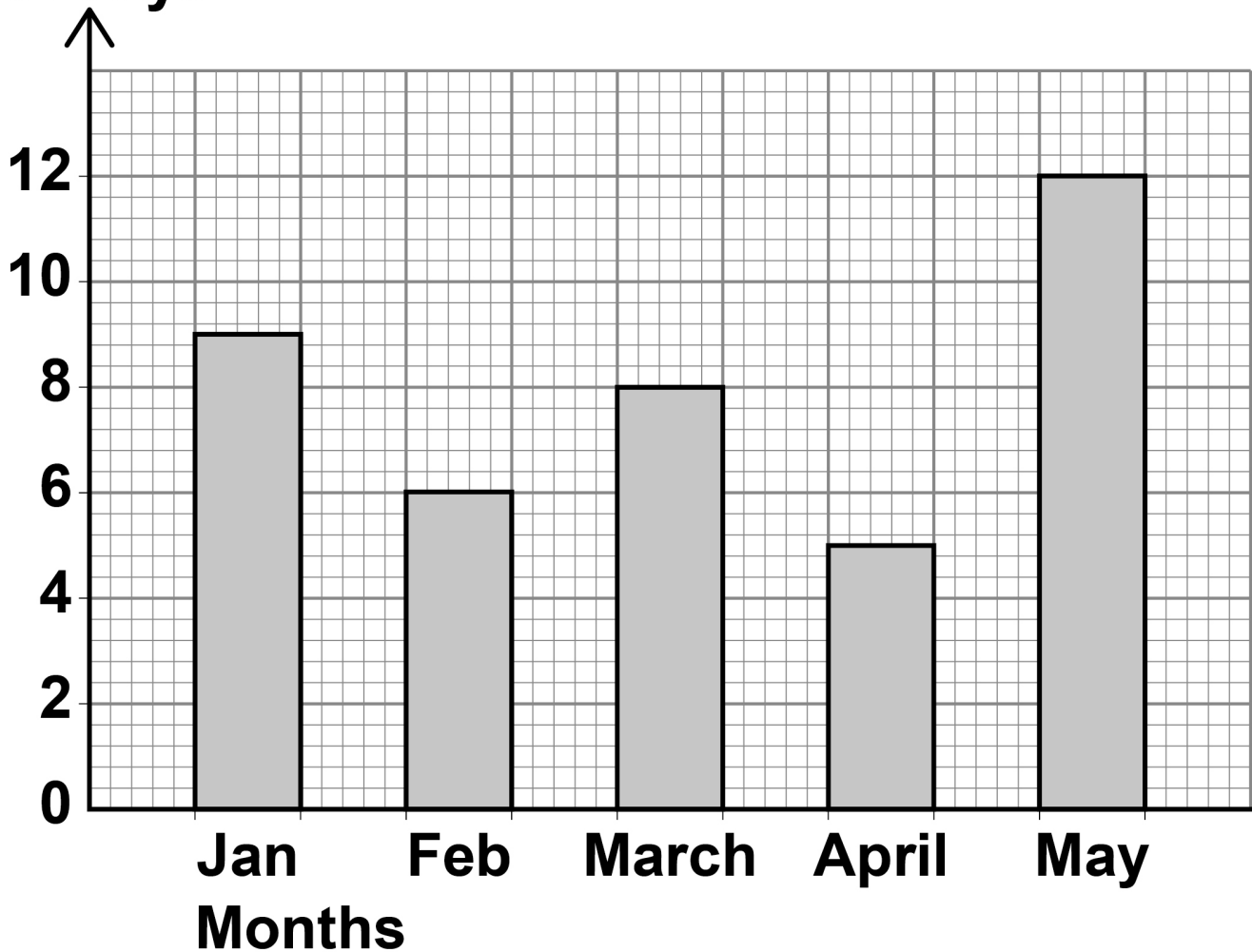
[Turn over]



6(c) Evie flies flags on special days.

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

Number
of days



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]

END OF QUESTIONS

12



Additional page, if required.

Write the question numbers in the left-hand margin.

Additional page, if required.

**Write the question numbers in the
left-hand margin.**



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

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