

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

Monday 9 January 2023

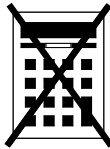
Morning

Time allowed: 30 minutes

### Materials

For this paper you must have:

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



For Examiner's Use	
Question	Mark
1–6	
7	
<b>TOTAL</b>	

### 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.



J A N 2 3 8 3 6 1 1 0 1

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

- 1** Work out  $4^2$   
Circle your answer. **[1 mark]**

0.5                      6                      8                      16

- 2** Work out  $1.345 \times 100$  **[1 mark]**

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Answer \_\_\_\_\_

- 3** A fair, ordinary dice is rolled.  
What is the probability that it lands on an **odd** number? **[1 mark]**

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Answer \_\_\_\_\_



4 Work out  $9 + 15 \div 3$

[2 marks]

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Answer \_\_\_\_\_

5  $6 \times 17 = 102$

Use this information to work out  $6 \times 0.17$

[1 mark]

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Answer \_\_\_\_\_

6 Work out  $\frac{2}{5}$  of 30

[2 marks]

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Answer \_\_\_\_\_

8
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Turn over ►



**Section B**

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

**7 Charity Walk**

Theo is taking part in a charity walk between the towns of Armville and Dendell.

- 7 (a)** Theo will  
take three days to do the walk  
walk between two towns each day.

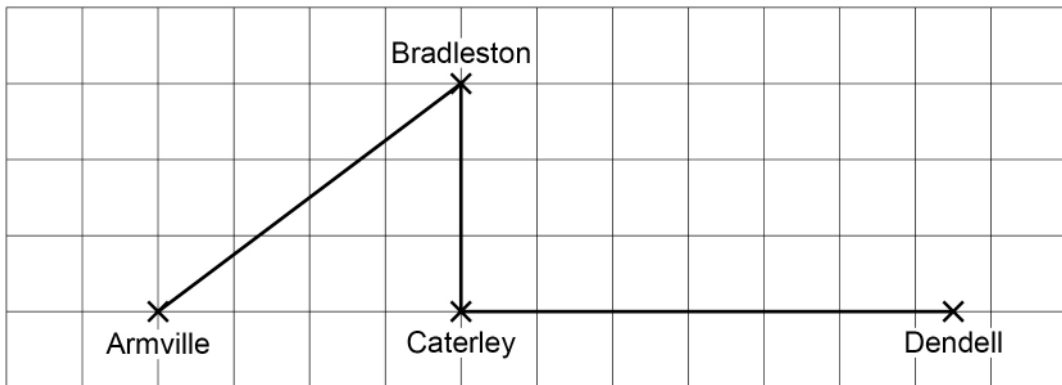
Here is a plan of the walk.

<b>Day</b>	<b>Start Town</b>	<b>End Town</b>
1	Armville	Bradleston
2	Bradleston	Caterley
3	Caterley	Dendell



The scale diagram on the centimetre grid shows Theo's walk.

**Scale:** 1 cm represents 4 km



Is the walk **more than** 50 km?

You **must** show your working.

**[4 marks]**

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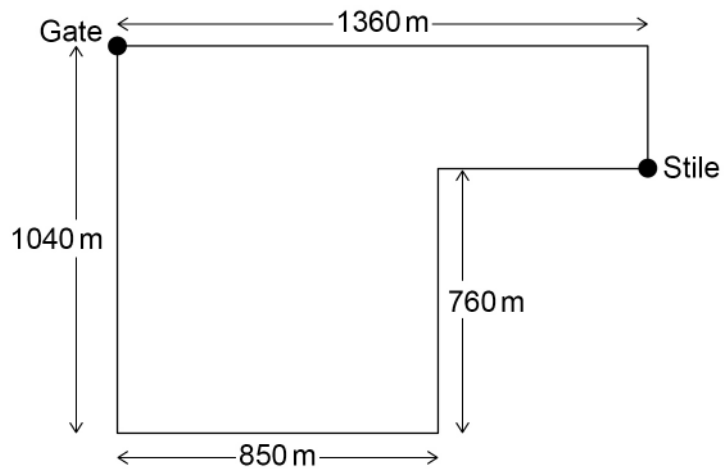
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**Turn over** ►



- 7 (b) On the walk, Theo comes to a gate in an L-shaped field.



Not drawn  
accurately

Theo has to walk from the gate to the stile.  
He can only walk along the sides of the field.

Theo can

walk along two sides

or

walk along four sides.

How much shorter is it to walk along **two** sides?

[4 marks]

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Answer \_\_\_\_\_ m



- 7 (c)** People pay to take part in the charity walk.  
The normal cost is £36 per person.

**Group Discount**

Group of 4 or more,  
normal cost reduced by 10%

Theo is in a group of 7 people.

Work out the **total** cost for the group.

**[4 marks]**

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Answer £ \_\_\_\_\_

12

**END OF QUESTIONS**



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