

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

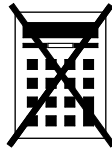
## Paper 1 Non-Calculator

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	
<b>TOTAL</b>	



N 0 V 2 1 8 3 6 1 1 0 1

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

- 1** Circle the number that is 7 less than  $-10$  **[1 mark]**

 $-17$  $-3$  $3$  $17$ 

- 2** Work out  $12^2$   
Circle your answer. **[1 mark]**

 $14$  $24$  $104$  $144$ 

- 3** Work out  $36 - 5 \times 7$  **[2 marks]**

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Answer \_\_\_\_\_



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

[3 marks]

Fraction	Decimal	Percentage
	0.75	75%
$\frac{7}{10}$	0.7	
$\frac{1}{5}$		20%

- 5 Use  $5 \times 16 = 80$  to work out  $50 \times 0.16$

[1 mark]

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Answer \_\_\_\_\_

8

Turn over for Section B

Turn over ►



**Section B**

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

**6 Party planning**

Hanifa is planning a party.

**6 (a)** Hanifa hires a hall for the party.

The hall is a rectangle and measures 12 metres by 9 metres.

Here is a list of what she wants in the hall.

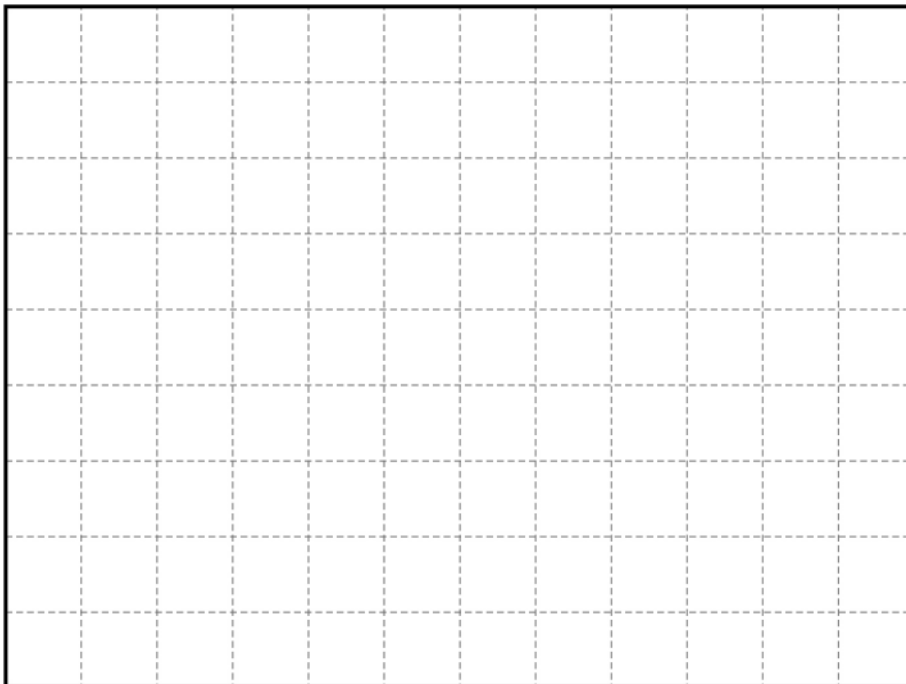
DJ table	1 m by 2 m rectangle
Refreshments table	1 m by 3 m rectangle
Dance floor	5 m by 5 m square

There must be a space of at least 1 metre round each table.

On the scale diagram below, draw and label a possible plan for the hall.

**[4 marks]**

**Scale:**  represents a 1 m by 1 m square



**6 (b)** Here are the amounts Hanifa spends on the party.

DJ hire	£433
Food and drink	£278
Hall hire	£11.50 per hour
Dance floor hire	£10 per square metre

The hall is hired for 4 hours.

Show that altogether Hanifa spends £1007

**[5 marks]**

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**Question 6 continues on the next page**

**Turn over ►**





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