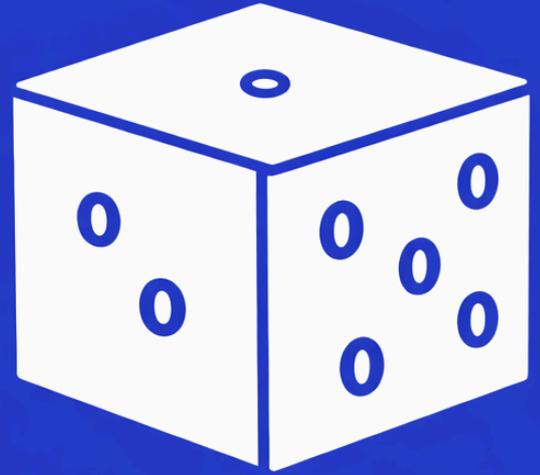


GCSE Foundation Half Practice Paper

Paper 3c
Calculator

LUCKY MATHS



More papers



SCAN ME



SCAN ME

Solutions



Instructions

Use black ink or ball-point pen.

Draw diagrams in pencil.

Write your answers in the spaces provided and show all working.

The total mark for this paper is 40



Materials

Black pen

Pencil

Ruler

Scientific Calculator

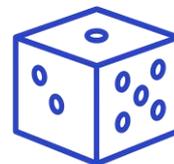
Disclaimer:

The practice papers created by Lucky Maths are designed for revision and educational support only.

While every effort has been made to ensure accuracy and alignment with typical exam standards, these materials are not official exam papers and are not endorsed by any examination board.

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Students and parents should use these papers as supplementary practice alongside official resources.



Answer ALL questions.
Write your answers in the spaces provided.
You must write down all the stages in your working.

1 Work out: $7.4 + 3.58$

.....

(Total for Question 1 is 1 mark)

2 Write **36** as a fraction of **90** in its simplest form.

.....

(Total for Question 2 is 1 mark)

3 Simplify: $5x + 3x$

.....

(Total for Question 3 is 1 mark)

4 Express the ratio $12 : 18$ in its **simplest form**.

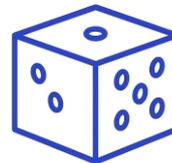
.....

(Total for Question 4 is 1 mark)

5 Round **2.224** to **2 decimal places**.

.....

(Total for Question 5 is 1 mark)



6 (a) Write **0.35** as a percentage.

.....

(1)

(b) Work out **35% of 240**.

.....

(2)

(Total for Question 6 is 3 marks)

7 Solve the equation: $4x - 7 = 13$

.....

(2)

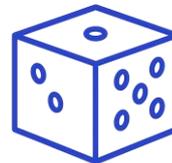
(Total for Question 7 is 2 marks)

8 (a) Write down the next two terms of the sequence:

4, 7, 10, 13, ...

.....

(2)



(b) Find the **nth term** of the sequence.

.....

(2)

(Total for Question 8 is 4 marks)

9 Here are the prices of **two different** shops for the **same item**:

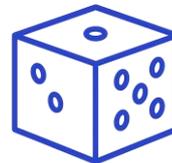
- Shop A: £12.50
- Shop B: reduced by **20%** from £15

Which **shop** is **cheaper**, and by how much?

.....

(4)

(Total for Question 9 is 4 marks)



10 (a) Work out: $\frac{3}{4} \times 28$

.....

(2)

(b) Work out: $56 \div \frac{1}{2}$

.....

(2)

(Total for Question 10 is 4 marks)

11 A recipe uses the following ratio of flour to sugar: **5:3**

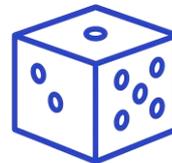
You want to use **270 g** of flour.

How much **sugar** should you use?

.....

(4)

(Total for Question 11 is 4 marks)



12 A shop sells stickers in packets of 6.

Mr James needs **140** stickers.

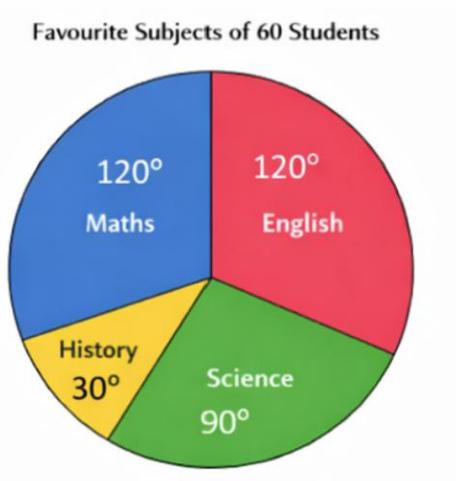
How many **packets** must he buy?

.....

(2)

(Total for Question 12 is 2 marks)

13 The pie chart shows the favourite subjects of a class.



(a) What **fraction** of the class chose **History**? Give your answer in **simplest form**.

.....

(2)

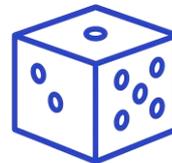
(b) There are **60** students in the class.

How many students chose **Science**?

.....

(2)

(Total for Question 13 is 4 marks)



14 A taxi charges a **fixed fee of £3.60** plus **£1.25 per mile**.

(a) Write a formula for the total cost C when the number of miles is m .

.....
(2)

(b) Use your formula to find the cost of a 12-mile journey.

.....
(2)

(Total for Question 14 is 4 marks)

15 A shop sells notebooks at **£3 each** and pens at **£2 each**.

(a) Write an expression for the total cost, $£C$, of buying

- n notebooks
- p pens

.....
(2)

A student buys **5 notebooks** and **3 pens**.

(b) Use your **expression** to work out the **total cost**.

.....
(2)

(Total for Question 15 is 4 marks)

TOTAL FOR PAPER IS 40 MARKS