

OXFORD CAMBRIDGE AND RSA EXAMINATIONS

FUNCTIONAL SKILLS ASSESSMENT PILOT

LEVEL 1 FUNCTIONAL SKILLS MATHEMATICS

06924

TASK AND ANSWER BOOKLET

This assessment may be taken within these dates

10 – 14 MARCH 2008

TIME: 1 HOUR 15 MINUTES

INSTRUCTIONS

Fill in all the boxes below. Make sure your personal details are entered correctly. Use **BLOCK LETTERS**

Centre name

Centre number

Your OCR candidate number

Your surname or family name

Your first forename (if any)

Your second forename (if any)

Date of birth

YOU NEED

- This task and answer booklet
- A pen with black or blue ink
- A calculator
- A ruler

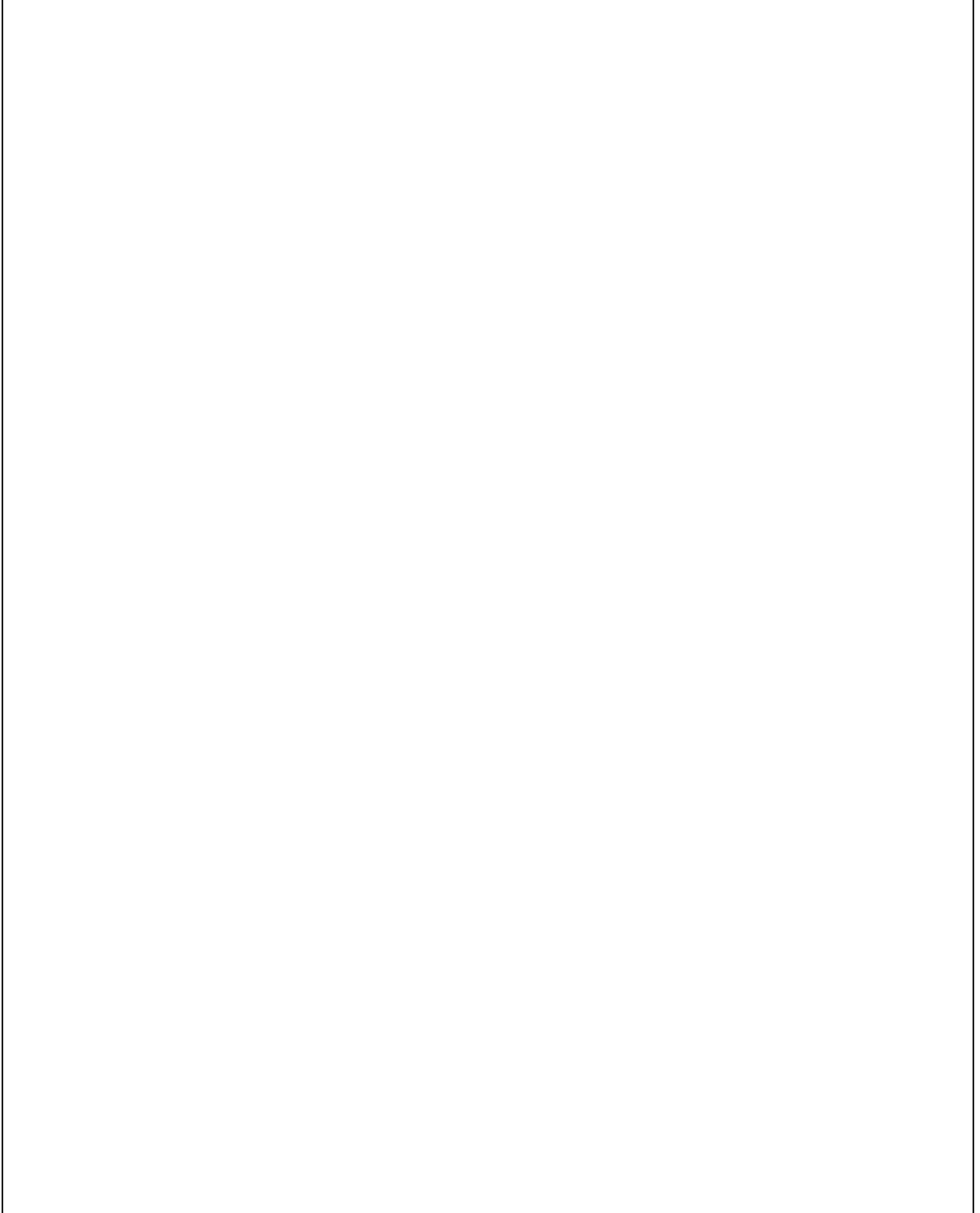
YOU HAVE 1 HOUR AND 15 MINUTES TO COMPLETE THE 3 TASKS. YOU ARE ADVISED TO SPEND 5 MINUTES PLANNING AND 20 MINUTES WORKING ON EACH TASK

- Read the tasks inside this booklet carefully before starting the tasks
- Write your answers in this booklet
- For each task clearly show how you have obtained your answer
- When you have finished, hand this booklet to the supervisor

FOR EXAMINERS' USE ONLY	
Task No.	Mark
1a	/2
1b	/4
1c	/10
2a	/2
2b	/2
2c	/12
3a	/2
3b	/4
3c	/10
Total	/48

TASK 1**Planning sheet**

Any work on this sheet may be used to contribute to the examiner's understanding of your answer.

A large, empty rectangular box with a thin black border, intended for students to write their planning work. The box occupies most of the page below the instructions.

Jane runs a café where she sells home made cakes and drinks. Today she is making pastry and scones.

- (a) Jane has a 1.5kg bag of flour. To make pastry she needs to add butter. The amount of butter has to be half the weight of the flour. How much butter does she need?

(2 marks)

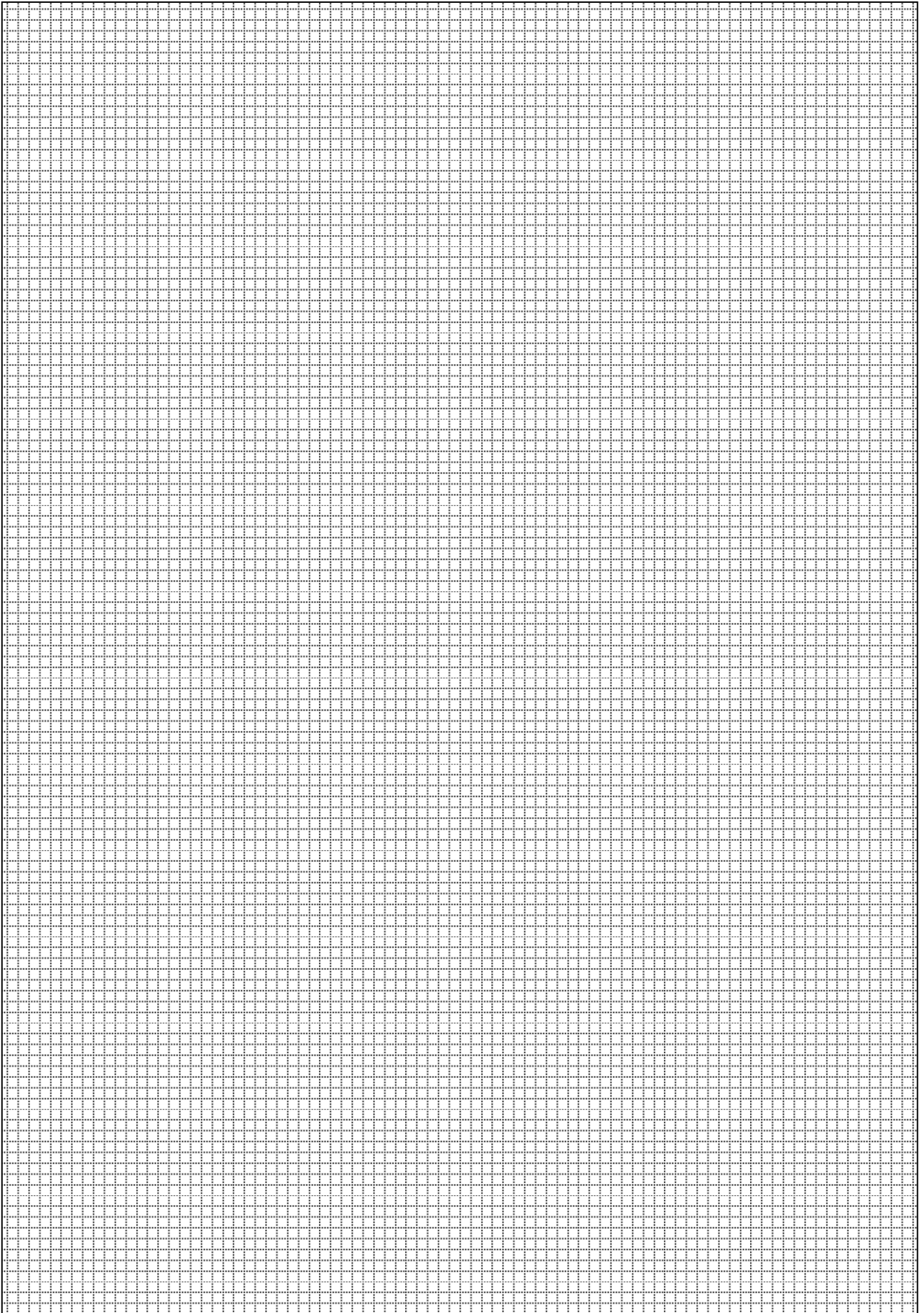
- (b) The amounts of flour, butter and milk Jane uses to make 8 scones are shown in the table.

TO MAKE 8 SCONES	
225g	flour
55g	butter
140g	milk

Jane wants to make 48 scones. How much flour, butter and milk does she need to make 48 scones?

You must show your calculations.

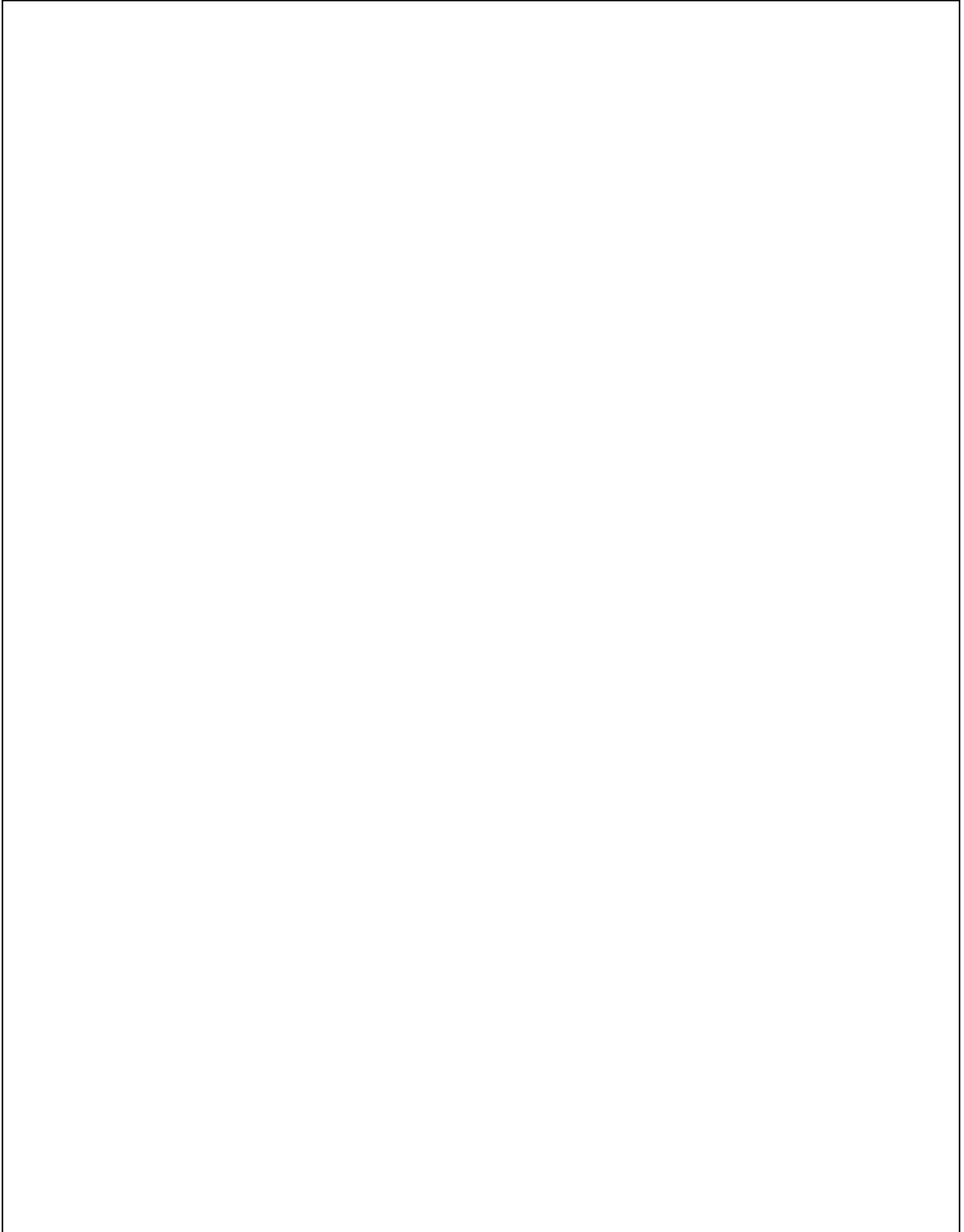
(4 marks)



(10 marks)

TASK 2**Planning sheet**

Any work on this sheet may be used to contribute to the examiner's understanding of your answer.

A large, empty rectangular box with a thin black border, intended for students to write their planning work. The box occupies most of the page below the instructions.

Ryan is going on holiday to Africa. He wants to choose a month with the lowest rainfall and an average daily temperature less than 28°C . He sees this table in the holiday brochure and uses it to find a suitable month.

Month	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Average daily temperature ($^{\circ}\text{C}$)	33	32	32	30	28	26	28	28	30	30	31	32
Rainfall (mm)	72	81	68	35	12	3	3	13	14	33	66	91

(a) Which month should Ryan choose?

(2 marks)

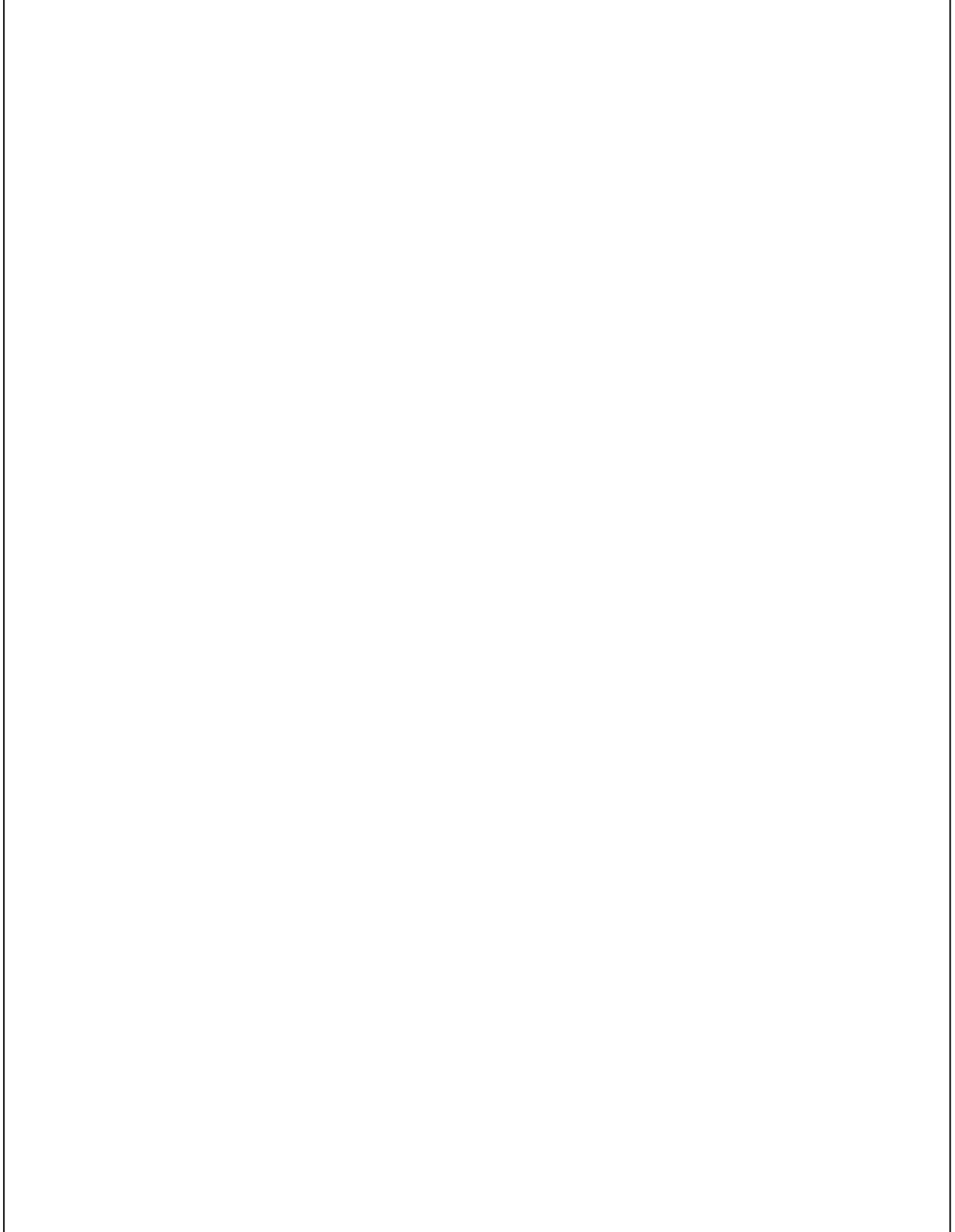
(b) What is the range of temperatures in the table?

(2 marks)

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TASK 3**Planning sheet**

Any work on this sheet may be used to contribute to the examiner's understanding of your answer

A large, empty rectangular box with a thin black border, intended for students to write their planning work. The box occupies most of the page below the instructions.

Karen and Emile are driving to France.

Before they set out, they have to decide whether to use the car ferry or Eurotunnel to cross the channel.

Car ferry sailings from the UK

Sailing available		Ticket types available	
Depart UK time	Arrive French time	Saver	Freedom
07:30	09:30	£62.00	£79.00
08:15	10:30	£57.00	£74.00
09:30	11:45	£116.00	£133.00
11:00	13:30	£62.00	£79.00

Eurotunnel departures from the UK

Depart between UK time	Price	Trains leave at these minutes past each hour
00:00 – 05:59	£61	20 minutes 40 minutes 50 minutes Crossing time 45 minutes
06:00 – 07:59	£109	
08:00 – 11:59	£137	
12:00 – 13:59	£103	
14:00 – 15:59	£105	
16:00 – 23:59	£49	

(a) How much is the cheapest fare?

(2 marks)

Karen and Emile leave the UK between 7 o'clock and 8 o'clock in the morning, buying the cheapest fare.

(b) How much cheaper is this fare than the most expensive fare between these times?

(4 marks)

(10 marks)

END OF TEST

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