OXFORD AQA

INTERNATIONAL QUALIFICATIONS

Please write clearly in block capitals.

Centre number | | | | | | Candidate number | | | | |

Surname _____

Forename(s) _____

Candidate signature _____

I declare this is my own work.

INTERNATIONAL GCSE

MATHEMATICS

C

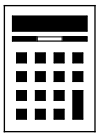
Core Tier Paper 1C

Wednesday 6 May 2026 08:00 UK Time Time allowed: 1 hour 30 minutes

Materials

For this paper you must have:

- a calculator
- mathematical instruments.



Instructions

- Use black ink or black ball-point pen. Draw diagrams in pencil.
- Fill in the boxes at the top of this page.
- 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.

Information

- The marks for questions are shown in brackets.
- The maximum mark for this paper is 80.
- You may ask for more answer paper, graph paper and tracing paper. These must be tagged securely to this answer book.
- If your calculator does not have a π button, take the value of π to be 3.142.

Advice

Show all necessary working; otherwise marks for method may be lost.

For Examiner's Use	
Pages	Mark
2–3	
4–5	
6–7	
8–9	
10–11	
12–13	
14–15	
16–17	
18–19	
20–21	
22–23	
24	
TOTAL	

Do not write outside the box

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

1 (a) Work out $436.2 \div 5$

Give your answer as a decimal.

[1 mark]

Answer _____

1 (b) Work out $8.61 - 3.752$

Give your answer as a decimal.

[1 mark]

Answer _____

1 (c) Work out 6^4

[1 mark]

Answer _____

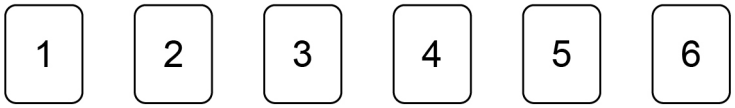
1 (d) Work out $\frac{3}{4} + \frac{1}{5}$

[1 mark]

Answer _____

Do not write outside the box

2 Here are six number cards.



A card is chosen at random.

Write down the probability that the number on the card is **less than** 5

[1 mark]

Answer _____

3 (a) c is 3 **more than** d.

Write an expression for c in terms of d.

[1 mark]

Answer _____

3 (b) g is **double** h.

Write an expression for g in terms of h.

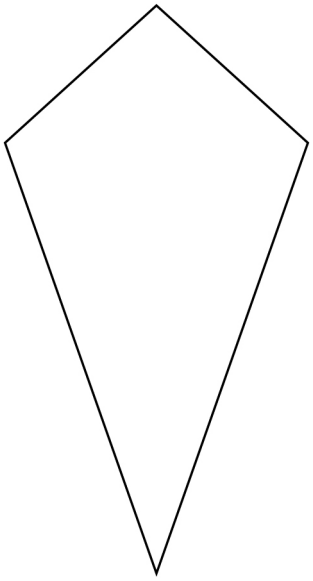
[1 mark]

Answer _____

7

Do not write outside the box

4 Here is a quadrilateral.



4 (a) Write down the mathematical name of this quadrilateral.

[1 mark]

Answer _____

4 (b) Write down the number of lines of symmetry of this quadrilateral.

[1 mark]

Answer _____

5 Work out $\frac{3}{5}$ as a percentage.

[1 mark]

_____

_____

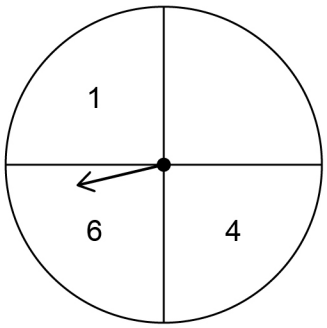
Answer _____ %

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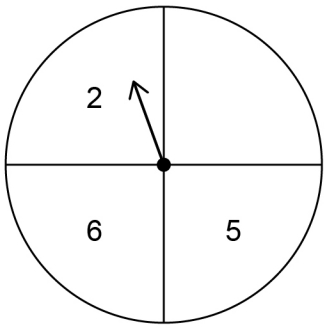
6 Here are two spinners.

Each spinner has one number missing.

Spinner A



Spinner B



Each spinner is spun.

The numbers the arrows land on are **added** to give a total score.

Complete the **table**.

[3 marks]

Spinner B

	+	**2**		**5**	**6**
Spinner A	**1**	3			
			5	7	
	4				10
	6		9		

6

Do not write outside the box

7 The usual price of headphones is $149

A shop has a sale.

SALE

23% off the usual price of headphones

Kim has $115

Does Kim have enough money to buy the headphones in the sale?

Tick a box.

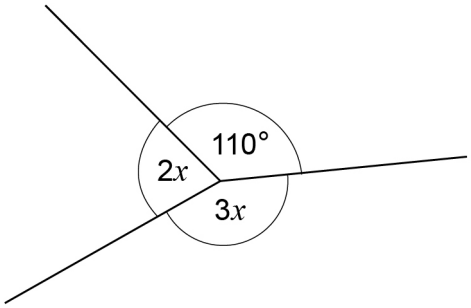
Yes ☐ No ☐

Show working to support your answer.

[3 marks]

Do not write outside the box

8 Three straight lines meet at a point.



Not drawn accurately

Work out the size of the **smallest** angle.

[3 marks]

Answer _____ °

9 An amount of money, m, is divided in the ratio 2 : 3

The **larger** part is \$39

Work out the value of m.

[2 marks]

m = \$ _____

8

Do not write outside the box

10 Here are the marks of nine students in a test.

25 18 24 6 19 34 30 12 30

10 (a) Work out the **median** mark.

[2 marks]

Answer _____

10 (b) Draw an ordered stem-and-leaf diagram to represent the data.

Remember to complete the key.

[3 marks]

Key: _____ | _____ represents _____ marks

0						
1						
2						
3						

Do not write outside the box

11 (a) Simplify fully $5x^2 + 3 - 2x^2 - 7$

[2 marks]

Answer _____

11 (b) Multiply out and simplify fully $2x(3y - 5)$

[2 marks]

Answer _____

11 (c) Solve $7x + 4 = 25$

[2 marks]

$x =$ _____

11

Do not write outside the box

12 The table shows information about two packets of biscuits, A and B.

	Mass (g)	**Price ($)**
A	70	1.75
B	120	2.40

Which packet of biscuits is better value for money?

Tick a box.

A ☐ B ☐

Show working to support your answer.

[3 marks]

Do not write outside the box

13 How much longer than 10 kilometres is 6.5 miles?

Give your answer in **metres**.

Use 1 mile = 1.6 km

[2 marks]

Answer _____ metres

14 Work out 45 as a percentage of 18

[2 marks]

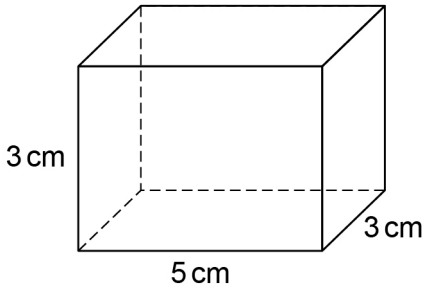
Answer _____ %

Turn over for the next question

7

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15 Here is a cuboid.



15 (a) Work out the **volume** of the cuboid.

State the units of your answer.

[2 marks]

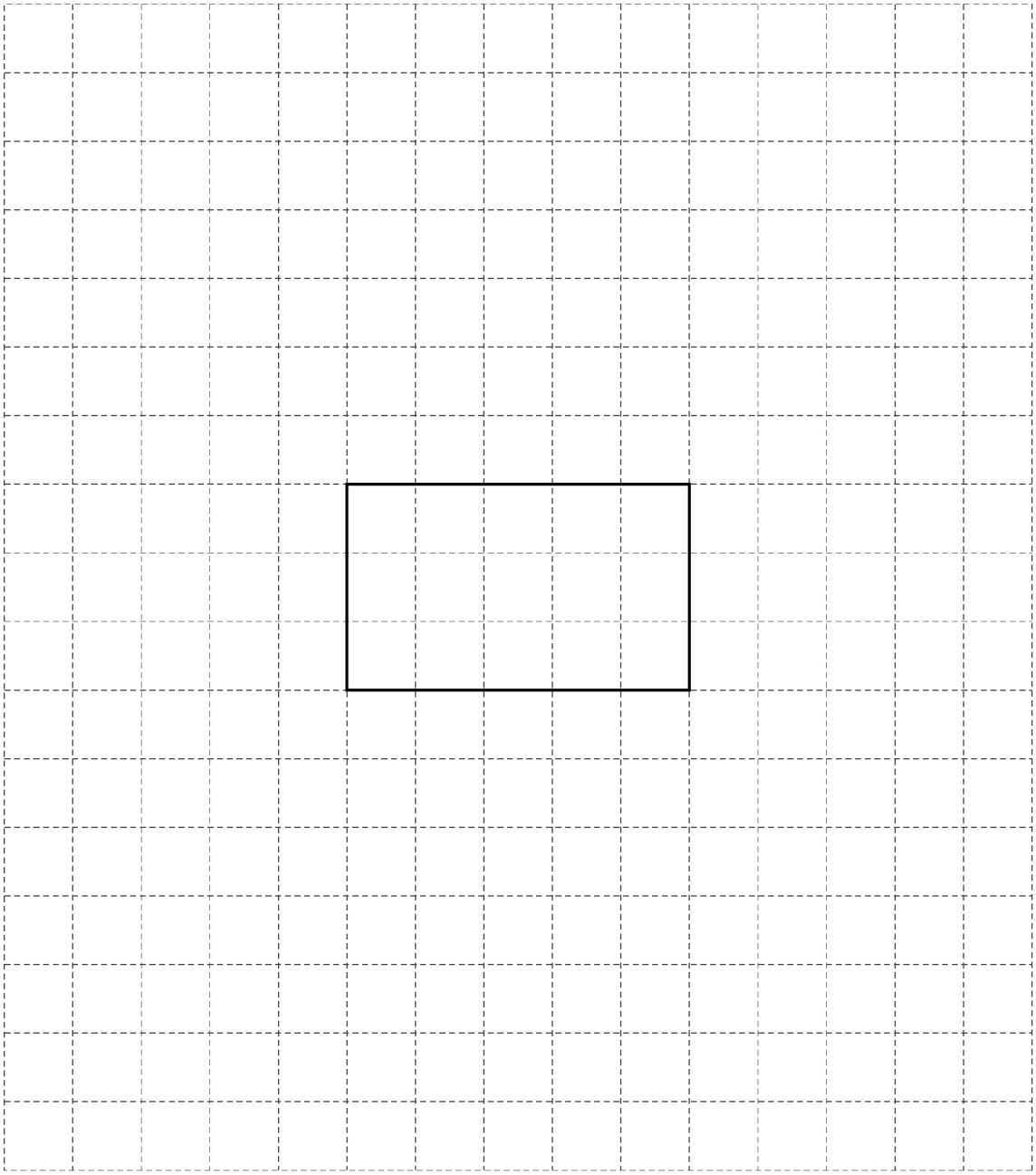
Answer _____

Do not write outside the box

15 (b) On the grid, 1 square represents 1 cm

Complete the drawing of the net of the cuboid.

[2 marks]

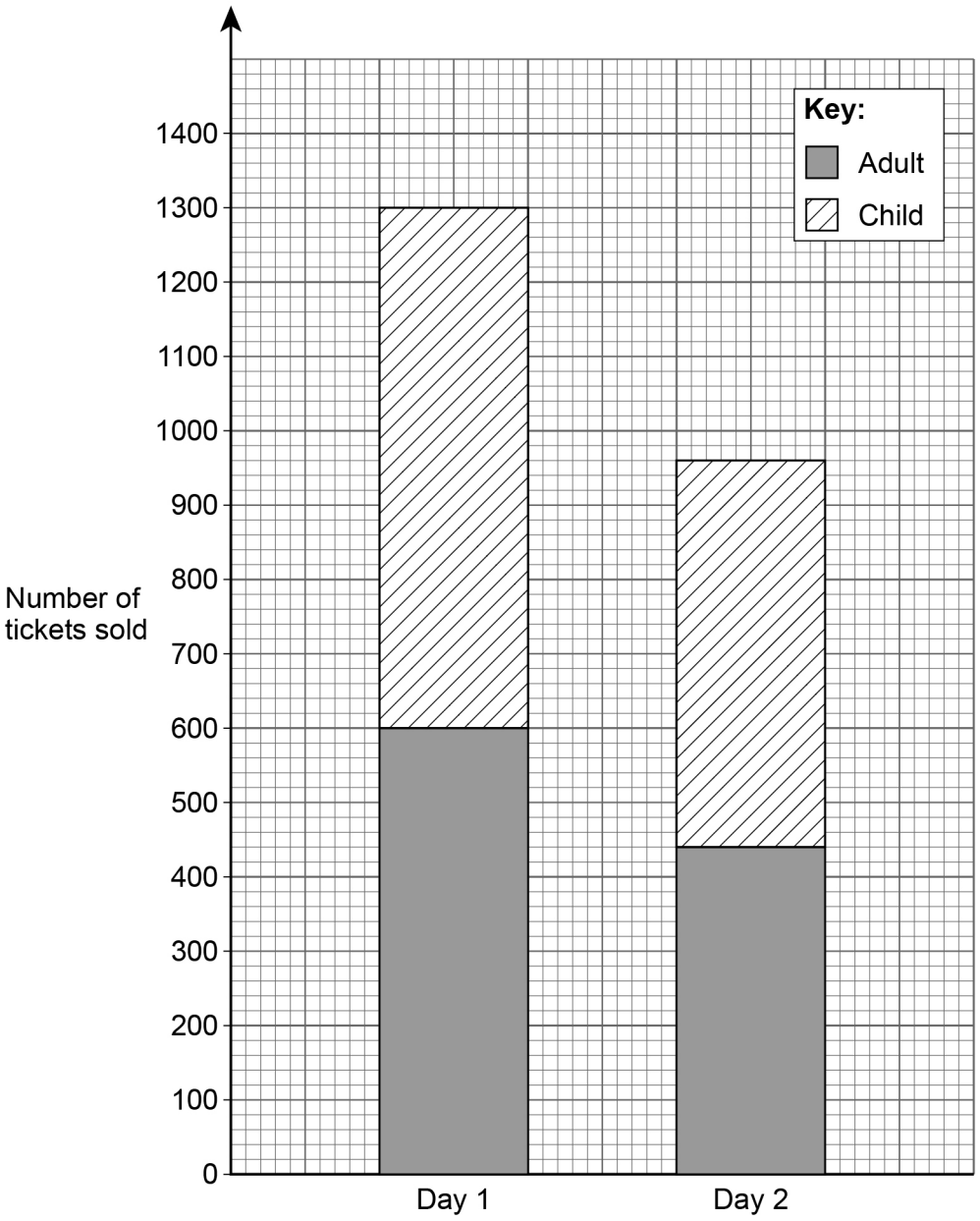


4

Turn over ►

Do not write outside the box

16 The composite bar chart shows information about the tickets sold for a show.



Do not write outside the box

The price of one adult ticket is $28.50

The price of one child ticket is $15.00

Work out the **total** amount of money received from ticket sales.

[4 marks]

Answer $ _____

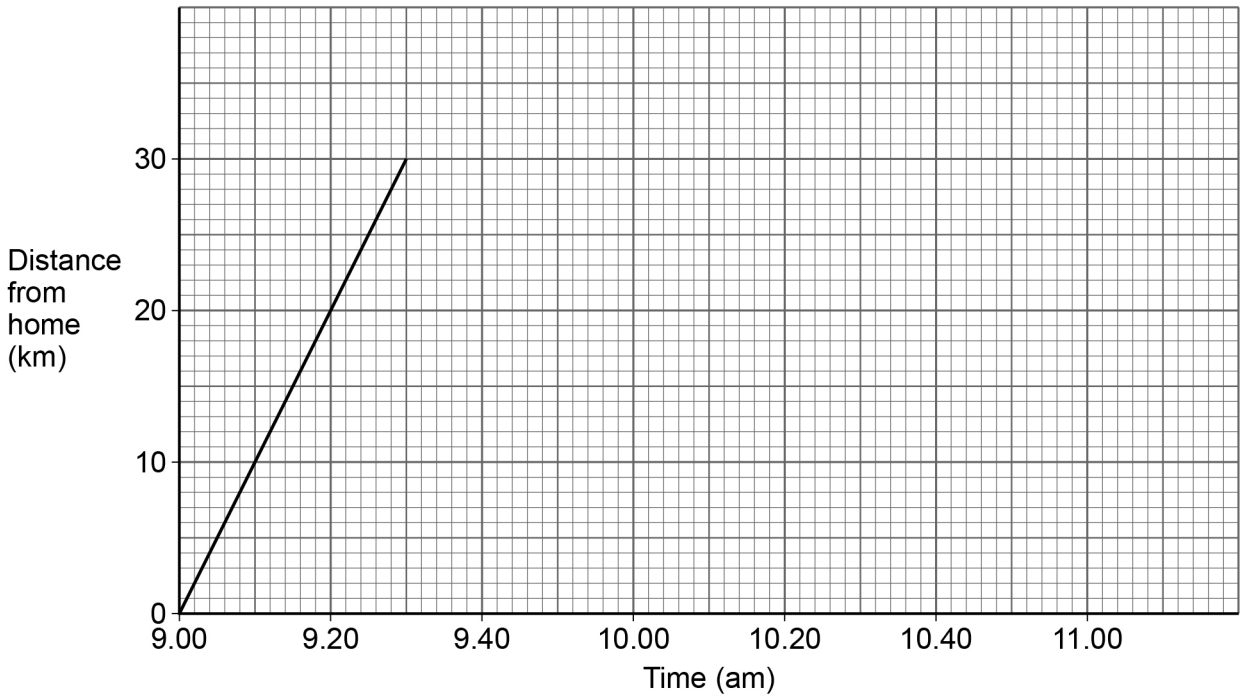
Turn over for the next question

4

Do not write outside the box

17 Maya drove 30 kilometres from her home to a market.

The distance-time graph shows this journey.



17 (a) At what time did Maya leave home?

[1 mark]

Answer _____

17 (b) Maya left the market at 9.50 am

For how many minutes did Maya stay at the market?

[1 mark]

Answer _____ minutes

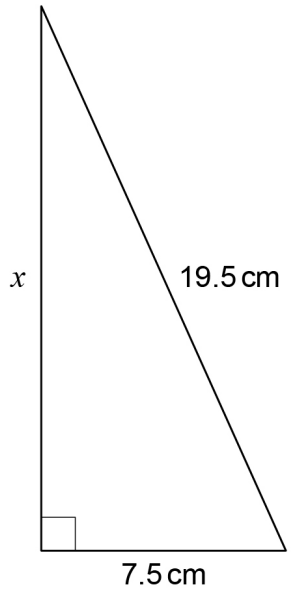
17 (c) Maya drove home at an average speed of 40 kilometres per hour.

Use this information and part **(b)** to complete the distance-time graph.

[3 marks]

Do not write outside the box

18 Here is a right-angled triangle.



Not drawn accurately

Use Pythagoras' theorem to work out the value of x.

You **must** show your working.

[3 marks]

$x =$ _____ cm

8

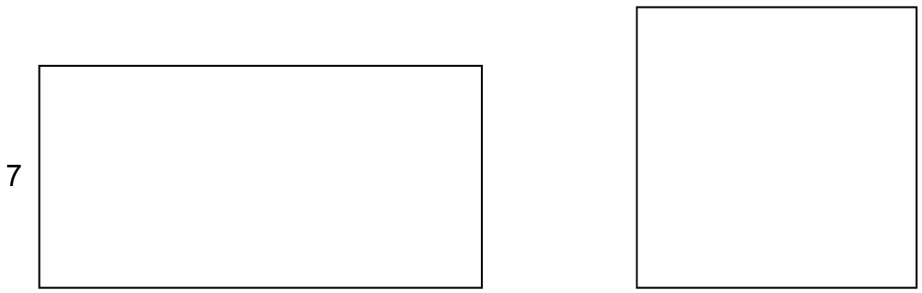
Turn over ►

Do not write outside the box

19 Here are a rectangle and a square.

All lengths are in cm

Not drawn accurately



The two shapes have the **same perimeter**.

Show that the **area** of the square is **greater than** the **area** of the rectangle.

[4 marks]

20 Work out $\left(4.8 \times 10^3\right) \times \left(3.5 \times 10^4\right)$

Give your answer in standard form.

[2 marks]

Answer _____

Do not write outside the box

21 The number of people at a festival is 28 000 correct to the nearest 1000

21 (a) Write down the **minimum** possible number of people at the festival.

[1 mark]

Answer _____

21 (b) Write down the **maximum** possible number of people at the festival.

[1 mark]

Answer _____

22 (a) Simplify fully $(7a)^2 \times a^4$

[2 marks]

Answer _____

22 (b) Simplify fully $\dfrac{\left(w^5\right)^3}{w^6}$

[2 marks]

Answer _____

12

Do not write outside the box

23 Solve the simultaneous equations

$5x + 3y = 51$

$2x + 3y = 28.5$

[3 marks]

$x =$ _____ $y =$ _____

Do not write outside the box

24 60 people go to a sports club.

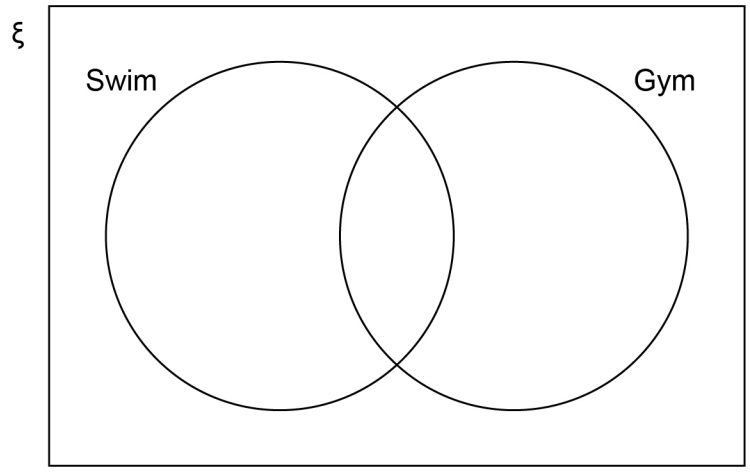
- 22 people swim.
- 45 people use the gym.
- 6 people do **not** swim and do **not** use the gym.

One of the 60 people is chosen at random.

Work out the probability that this person swims **and** uses the gym.

You may use the diagram to help you.

[3 marks]



Answer _____

6

Turn over ►

Do not write outside the box

25 Here is some information about a piece of copper and a piece of silver.

	Mass (g)	**Volume (cm^3)**
Copper	403.2	45
Silver	755.3	72

Which has the **greater** density?

Tick a box.

Copper ☐ Silver ☐

Show working to support your answer.

[2 marks]

Do not write outside the box

26 It would take 6 people 100 minutes to paint a fence.

4 people start to paint the fence at 9.35 am

What time will they finish painting?

Assume that all people work at the same rate and do not take a break.

[3 marks]

Answer _____

Turn over for the next question

5

Do not write outside the box

27 Construct the region that is

- less than 5 cm from *A*

and

- less than 3 cm from *B*.

Label the region R.

[2 marks]



END OF QUESTIONS

2

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ANSWER IN THE SPACES PROVIDED

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Question number	**Additional page, if required.** **Write the question numbers in the left-hand margin.**

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