Please check the examination details below before entering your candidate information

Candidate surname	Other names

Centre Number | Candidate Number

Pearson Edexcel Level 1/Level 2 GCSE (9–1)

Thursday 14 May 2026

Morning (Time: 1 hour 30 minutes)

Paper reference **1MA1/1F**

Mathematics

PAPER 1 (Non-Calculator)
Foundation Tier

You must have: Ruler graduated in centimetres and millimetres, protractor, pair of compasses, pen, HB or B pencil, eraser, Formulae Sheet (enclosed). Tracing paper may be used.

Total Marks

I nstruc tions

- Use **black** ink or ball-point pen.
  If pencil is used for diagrams/sketches/graphs it must be dark (HB or B).
  Fill in the boxes at the top of this page with your name, centre number and candidate number.
- Answer **all** questions.
  Answer the questions in the spaces provided
  – *there may be more space than you need*.
- You must **show all your working**.
  Diagrams are **NOT** accurately drawn, unless otherwise indicated.
  Calculators may not be used.

Information

- The total mark for this paper is 80
  The marks for **each** question are shown in brackets
  – *use this as a guide as to how much time to spend on each question*.

Advice

- Read each question carefullybeforeyoustarttoanswerit.
  Try to answerevery question.
  Check your answers ifyouhavetimeattheend.

Turn over ▶

Answer ALL questions.

Write your answers in the spaces provided.

You must write down all the stages in your working.

1 Write 7 as a percentage.
10

.....%

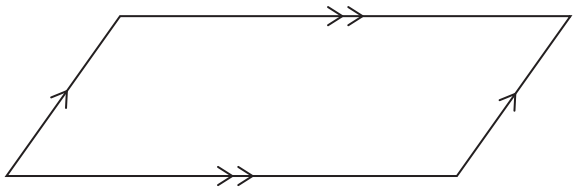
(Total for Question 1 is 1 mark)

2 Work out $20 - 4 \times 3$

.....

(Total for Question 2 is 1 mark)

3 Write down the mathematical name of this quadrilateral.



.....

(Total for Question 3 is 1 mark)

4 Here is a list of numbers.

2 10 32 49 125

From the list, write down the square number.

.....

(Total for Question 4 is 1 mark)

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5 On a map, 1 cm represents 4 km.

On the map, the distance between two towns is 5 cm.

What is the real distance between the two towns?

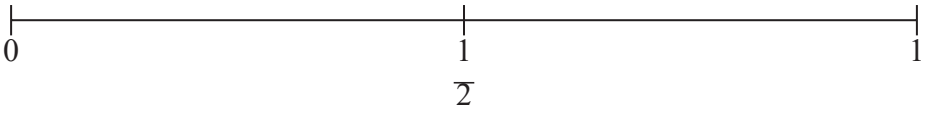
..... km

(Total for Question 5 is 1 mark)

6 Darren has a fair ordinary dice.

Darren rolls the dice once.

(a) On the probability scale, mark with a cross (×) the probability that Darren gets an odd number.



(1)

(b) Choose the word that best describes the probability that Darren gets a number less than 7

impossible	unlikely	evens	likely	certain

.....

(1)

(Total for Question 6 is 2 marks)

7 Alex has £260 and Nina has £180

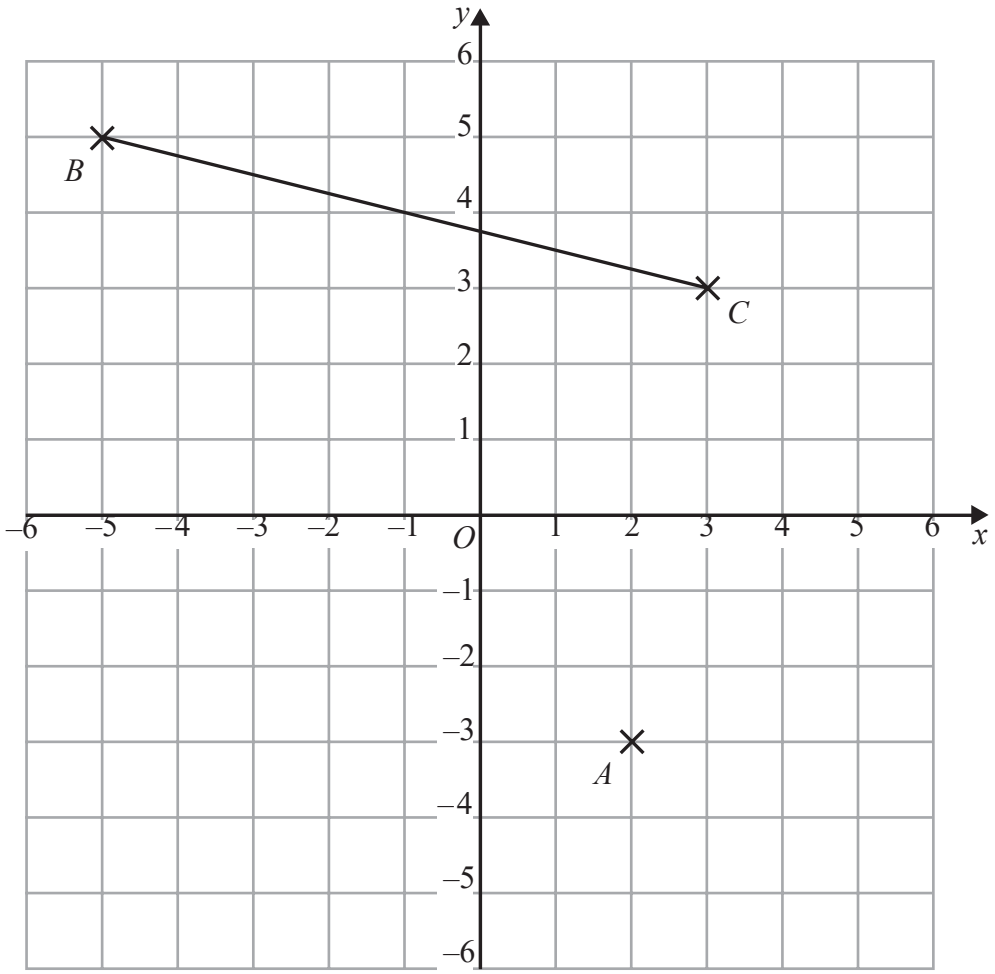
Alex gives some money to Nina.
Alex and Nina now each have the same amount of money.

How much money did Alex give to Nina?

£.....

(Total for Question 7 is 3 marks)

8



(a) Write down the coordinates of point A.

(..... , ...)

(1)

(b) Plot the point with coordinates (–4, –2)
Label this point D.

(1)

(c) Write down the coordinates of the midpoint of BC.

(..... , ...)

(1)

(d) Draw the line with equation $y = -5$

(1)

(Total for Question 8 is 4 marks)

9 (a) Change 73 kilograms into grams.

..... grams

(1)

Lauren wants to change 580 millimetres into centimetres.

Lauren says,

"580 × 10 = 5800 so 580 millimetres = 5800 centimetres"

(b) Is Lauren correct?
You must give a reason for your answer.

.....

.....

.....

(1)

(Total for Question 9 is 2 marks)

10 Pierre measures the heights, in cm, of 8 plants.

Here are his results.

29 21 20 27 33 21 25 23

(a) Find the mode.

..... cm

(1)

(b) Work out the median.

..... cm

(2)

(c) Work out the range.

..... cm

(2)

(Total for Question 10 is 5 marks)

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11 In a shopping centre, there are 12 restaurants and 18 shops.

(a) Write down the ratio of the number of restaurants to the number of shops.
Give your answer in its simplest form.

.....

(2)

In a shop,

1 paintbrush costs £3.50
4 of the paintbrushes and 2 identical tins of paint cost £30

(b) Work out the cost of 1 tin of paint.

£.....

(3)

(Total for Question 11 is 5 marks)

12 Asma cycles from home to a town.

She leaves home at 9 30 am.
She gets to the town at 11 30 am.

Asma cycles at an average speed of 14 mph.

(a) Work out the distance Asma cycles.

..... miles

(2)

Asma spends 140 minutes in the town.

She spends 40% of the 140 minutes in a cafe.
She spends 50 minutes in a park.
She spends the rest of the 140 minutes in a bank.

(b) Work out the total time, in minutes, that Asma spends in the bank.

..... minutes

(3)

(Total for Question 12 is 5 marks)

13 Jenny has 300 beads.

$\frac{2}{3}$ of the 300 beads are red.

Nav has 124 beads.

$\frac{1}{2}$ of the 124 beads are red.

Jenny has more red beads than Nav has.

How many more?

.....

(Total for Question 13 is 4 marks)

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14 (a) Factorise $8h - 6$

.....

(1)

$C = 2d + e$

(b) Work out the value of C when $d = -7$ and $e = 10$

$C =$ .....

(2)

(Total for Question 14 is 3 marks)

15 Here is a list of ingredients for making 2 pancakes.

Ingredients for 2 pancakes
1 egg
40 g flour
50 m*l* milk

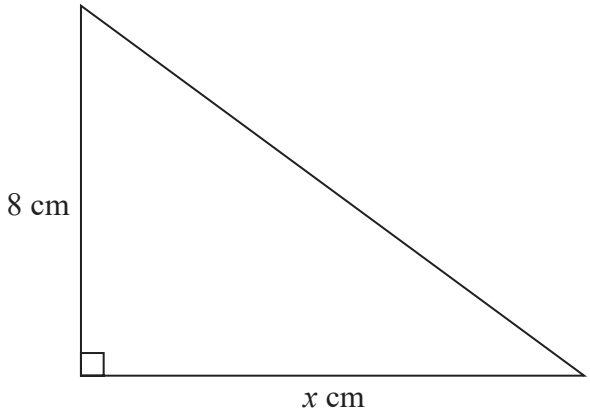
Jamie has 160 m*l* of milk.
He has plenty of the other ingredients.

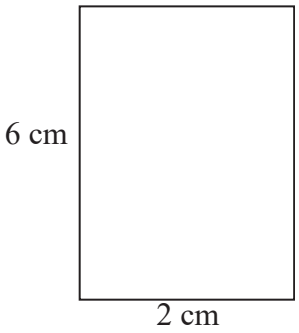
Work out the greatest number of pancakes Jamie can make.

.....

(TotalforQuestion 15 is 2 marks)

16 Here is a triangle and a rectangle.





Area of triangle = 3 × area of rectangle

Work out the value of x.

$x =$ .....

(Total for Question 16 is 4 marks)

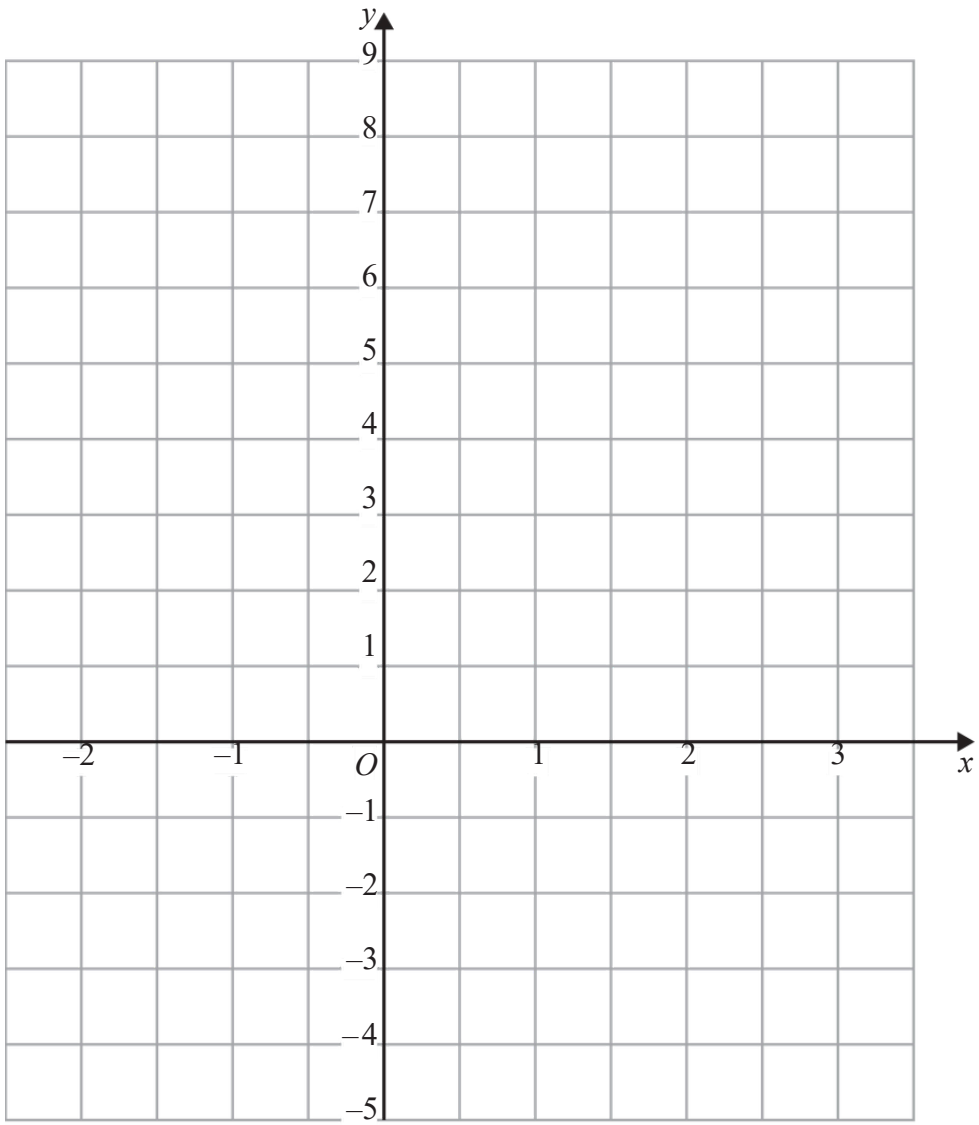
17 A pack of 5 cakes costs £1.40
A pack of 9 cakes costs £2.70

Artem thinks the pack of 9 cakes is better value for money than the pack of 5 cakes.

Show that Artem is **not** correct.

(Total for Question 17 is 3 marks)

18 On the grid, draw the graph of $y = 2x + 1$ for values of x from –2 to 3



(Total for Question 18 is 3 marks)

19 Work out 5.6×3.4

.....

(Total for Question 19 is 3 marks)

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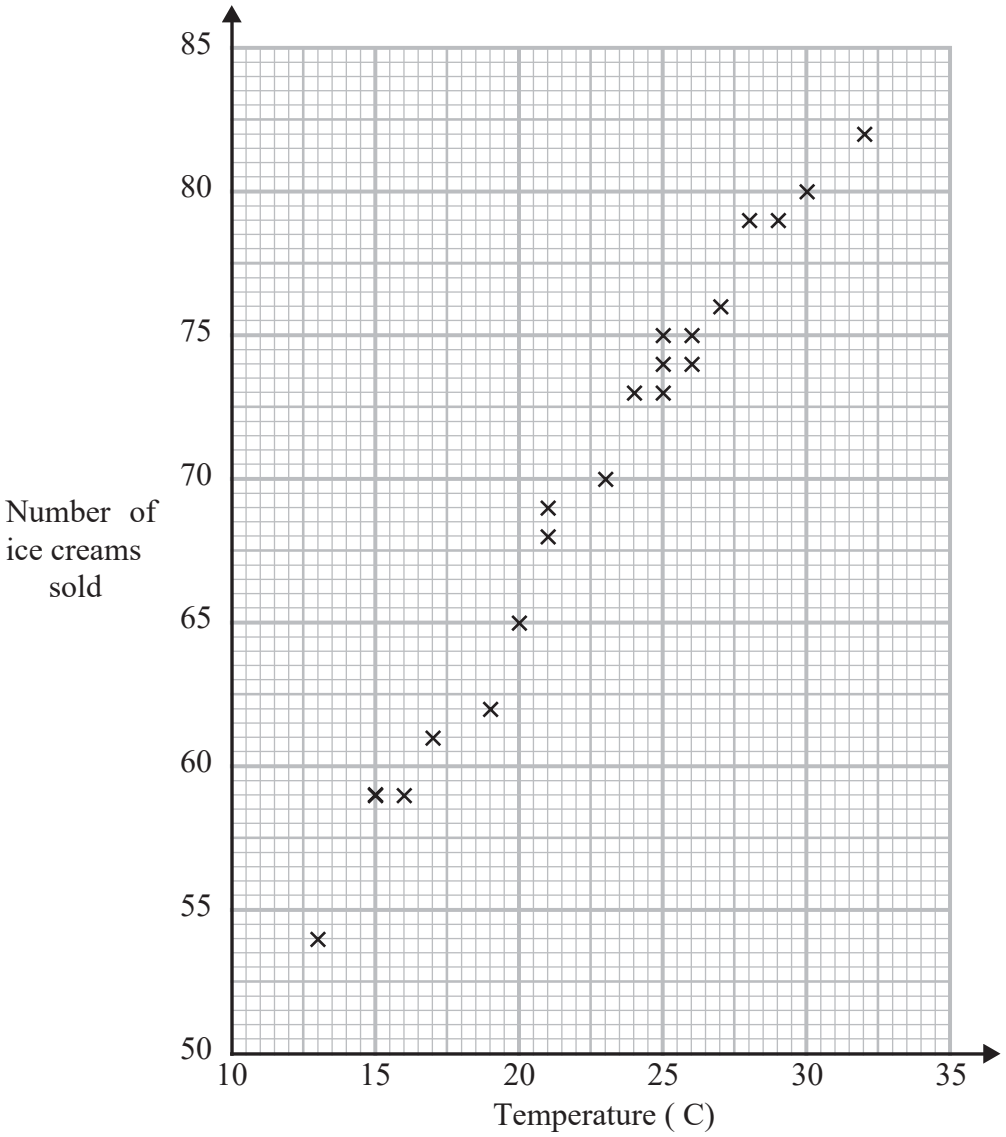
20 The scatter graph shows information about the number of ice creams sold in a cafe and the temperature on each of 20 days.



(a) Describe the relationship between the number of ice creams sold and the temperature.

.....

.....

.....

(1)

On a different day, the cafe sold 71 ice creams.

(b) Using the scatter graph, estimate the temperature on that day.

.....°C

(2)

(TotalforQuestion 20 is 3 marks)

21 In a bag there are only blue counters, green counters, red counters and yellow counters.
A counter is taken at random from the bag.

The table shows the probability of taking each colour of counter.

Colour	blue	green	red	yellow
Probability	0.3	0.4	0.1	0.2

(a) Work out the probability of taking a counter that is **not** green.

.....

(1)

There are 90 blue counters in the bag.

(b) Work out the total number of counters in the bag.

.....

(2)

Hannah has a biased coin.
She throws the coin 10 times.
The coin lands on heads 7 times.

Hannah estimates the probability that the coin lands on heads as $\frac{7}{10}$

(c) Explain what Hannah could do differently to find a better estimate for the probability that the coin lands on heads.

.....

.....

.....

(1)

(Total for Question 21 is 4 marks)

22 Here are the first five terms of an arithmetic sequence.

5 12 19 26 33

(a) Find an expression, in terms of n, for the nth term of this sequence.

.....

(2)

The nth term of a different sequence is $3 - 5n$

(b) Show that -42 **is** a term of this sequence.

(2)

(Total for Question 22 is 4 marks)

23 3 workers take 15 hours to build 1 wall.

(a) How many hours will 5 workers take to build 4 of these walls?

..... hours

(3)

(b) State one assumption you made in working out your answer to part (a).

.....

.....

.....

(1)

(Total for Question 23 is 4 marks)

24 Solve $x^2 - 12x - 28 = 0$

.....

(Total for Question 24 is 3 marks)

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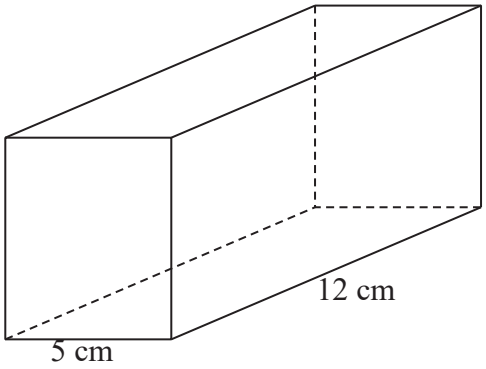
25 The diagram shows a solid cuboid.



The cuboid has a total surface area of 324 cm^2

Work out the volume of the cuboid.
You must show all your working.

..... cm^3

(TotalforQuestion 25 is 5 marks)

26 Work out an estimate for $\frac{4.9^2}{0.022}$

.....

(Total for Question 26 is 3 marks)

27 Write down the value of $\cos 60°$

.....

(Total for Question 27 is 1 mark)

TOTAL FOR PAPER IS 80 MARKS

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