1st Class Maths

Video Solutions

SCAN ME

PRACTICE PAPER FOR

Edexcel Paper 2F (June 2026)

---------- Disclaimer ----------

This paper has been created based on some of the common paper 2/3 topics from previous years and also careful analysis of what topics have already appeared in paper 1. The paper should be excellent at helping students revise for exams, however it should not be relied upon as the basis for revision. The topics from this paper may well appear in the real exams, however there is absolutely no guarantee of this. Some topics may appear, some may not. Despite what you might see on social media it is not possible to "predict" the paper. This is usually what people say when they are selling you something…

The best way to prepare for the exams is to **revise all topics**.

You can find a link to this paper and more completely free resources at www.1stclassmaths.com

Answer ALL questions

Write your answers in the spaces provided

You must write down all the stages in your working.

1 Write $\frac{2}{5}$ as a decimal.

.....

(Total for Question 1 is 1 mark)

2 Write down the value of the 9 in the number 6914

.....

(Total for Question 2 is 1 mark)

3 Round 3.8261 to 2 decimal places.

.....

(Total for Question 3 is 1 mark)

4 Write the following numbers in order of size.
Start with the smallest.

1.4 0.43 1.34 0.343

.....

(Total for Question 4 is 1 mark)

5 Write down a multiple of 15 that is greater than 100

.....

(Total for Question 5 is 1 mark)

6 (a) Simplify $9 \times g \times h$

.....

(1)

(b) Simplify $2h + 3h$

.....

(1)

(Total for Question 6 is 2 marks)

7 Jamie correctly measures an angle to be 200°

Write down the name of this type of angle.

.....

(Total for Question 7 is 1 mark)

8 The table below shows some options when visiting a cinema.

Seating	Popcorn Size
Regular (R)	Small (S)
Comfort (C)	Medium (M)
Premier (P)	Large (L)

Tiffany visits the cinema and selects **one** seating option and **one** popcorn size.

List all of the possible combinations that Tiffany could choose.

.....

.....

.....

(Total for Question 8 is 2 marks)

Turn over ▶

9 (a) Expand $4(n + 3)$

.....

(1)

(b) Solve $\frac{x}{2} = 20$

$x =$ .....

(1)

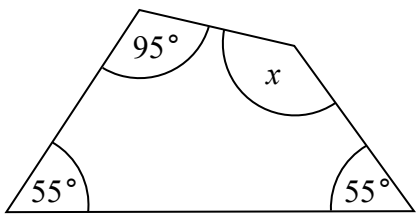
(c) Make h the subject of the formula $a = h + 3$

.....

(1)

(Total for Question 9 is 3 marks)

10



(a) Work out the size of angle marked x.

.....°

(2)

(b) Give a reason for your answer to part (a)

.....

.....

(1)

(Total for Question 10 is 3 marks)

11 Here are the first five terms of a quadratic sequence

2 4 8 14 22

(a) Write down the next two terms of the sequence.

..... , ...

(2)

Here are the first give terms of a Fibonacci sequence

10 10 20 30 50

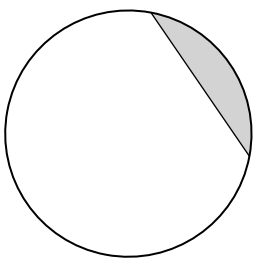
(b) Write down the next two terms of the sequence.

..... , ...

(2)

(Total for Question 11 is 4 marks)

12 Here is a circle.



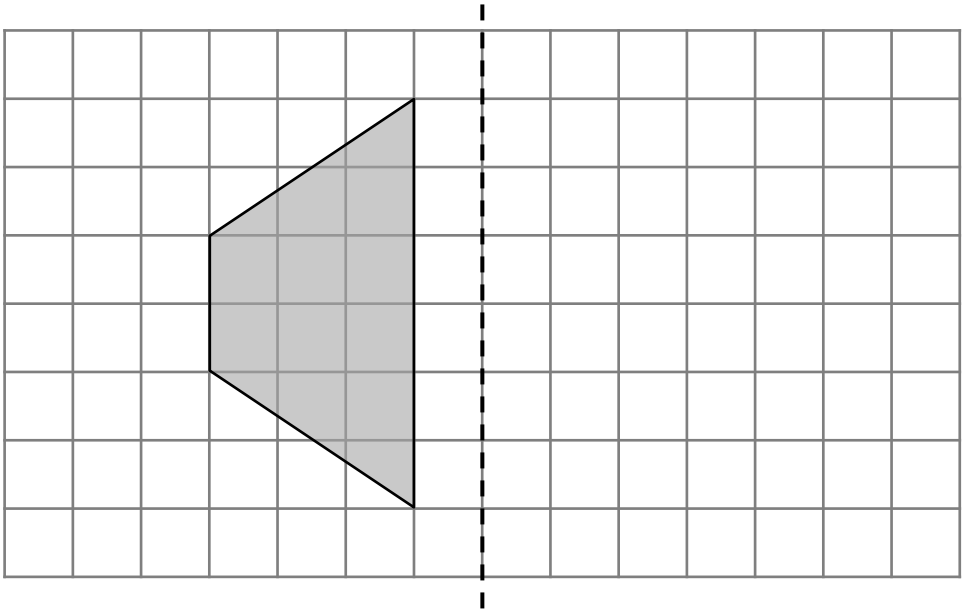
Write down the name of the shaded region.

.....

(Total for Question 12 is 1 mark)

Turn over ▶

13 Here is a trapezium on a centimetre grid.



(a) Work out the area of the trapezium.

..... cm^2

(2)

(b) Reflect the trapezium in the mirror line.

(1)

(Total for Question 13 is 3 marks)

14 Willow runs a food and drink stand at a fair during a weekend.

On Saturday,

money made from food sales: money made from drink sales = 5 : 3

and

total money made from food and drink sales = £300

(a) Work out the amount of money that Willow made from **food** sales on Saturday.

£ .....

(2)

On Sunday, the total money made from food and drink sales was 25% less than it was on Saturday.

(b) Work out the total money Willow made from food and drink sales on Sunday.

£ .....

(2)

(Total for Question 14 is 4 marks)

15 Stacy is n years old.

Stacy's mother is 30 years older than Stacy.

Write down an expression for Stacy's mother's age.

.....

(Total for Question 15 is 1 mark)

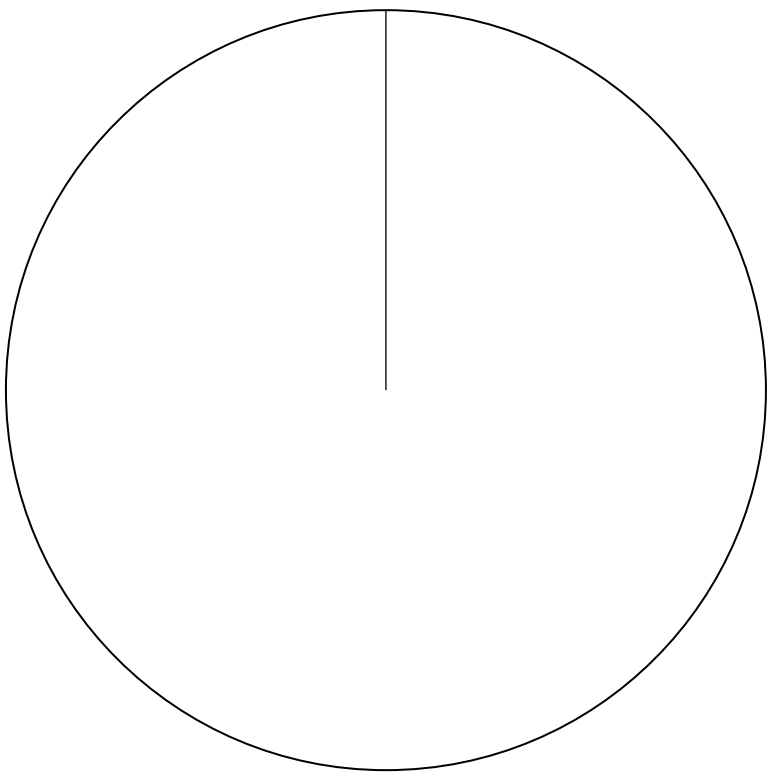
Turn over ▶

16 90 students were asked to test an AI study app and report if their grades increased, decreased or stayed the same.

The table below shows the results.

Answer	Frequency
Grades increased	12
Grades decreased	22
Grades stayed the same	56

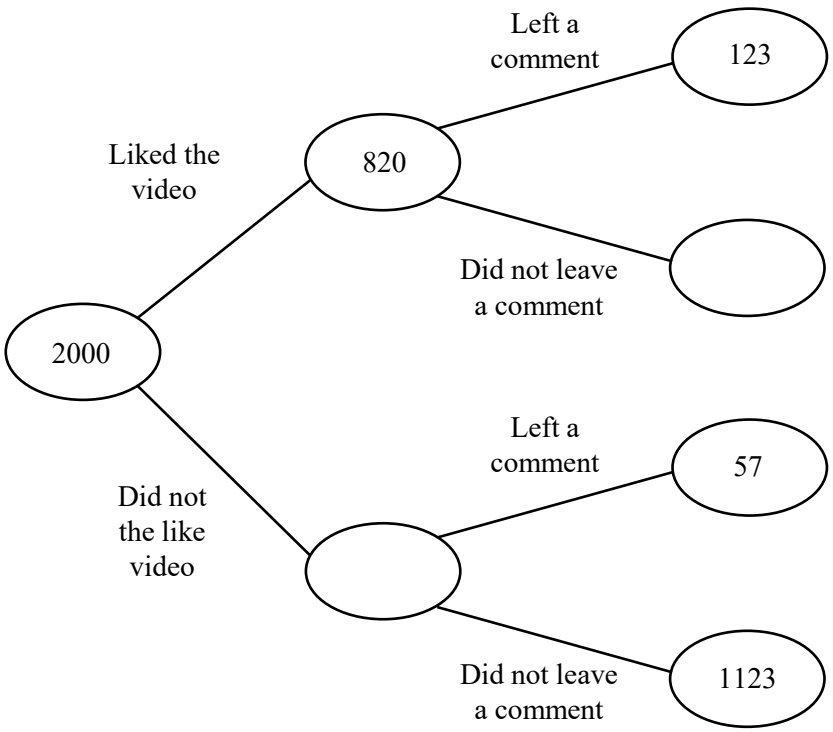
Draw an accurate pie chart for this information.



(Total for Question 16 is 3 marks)

17 A video uploaded to social media had 2000 viewers.

The frequency tree below shows information about how many of those viewers liked the video and left a comment.



(a) Complete the frequency tree. **(2)**

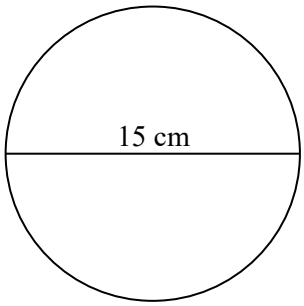
(b) Work out the percentage of the 2000 viewers that left a comment.

..... %

(3)

(Total for Question 17 is 5 marks)

18 A circle has a diameter of 15 cm.



(a) Work out the area of the circle.
Give your answer to 1 decimal place.

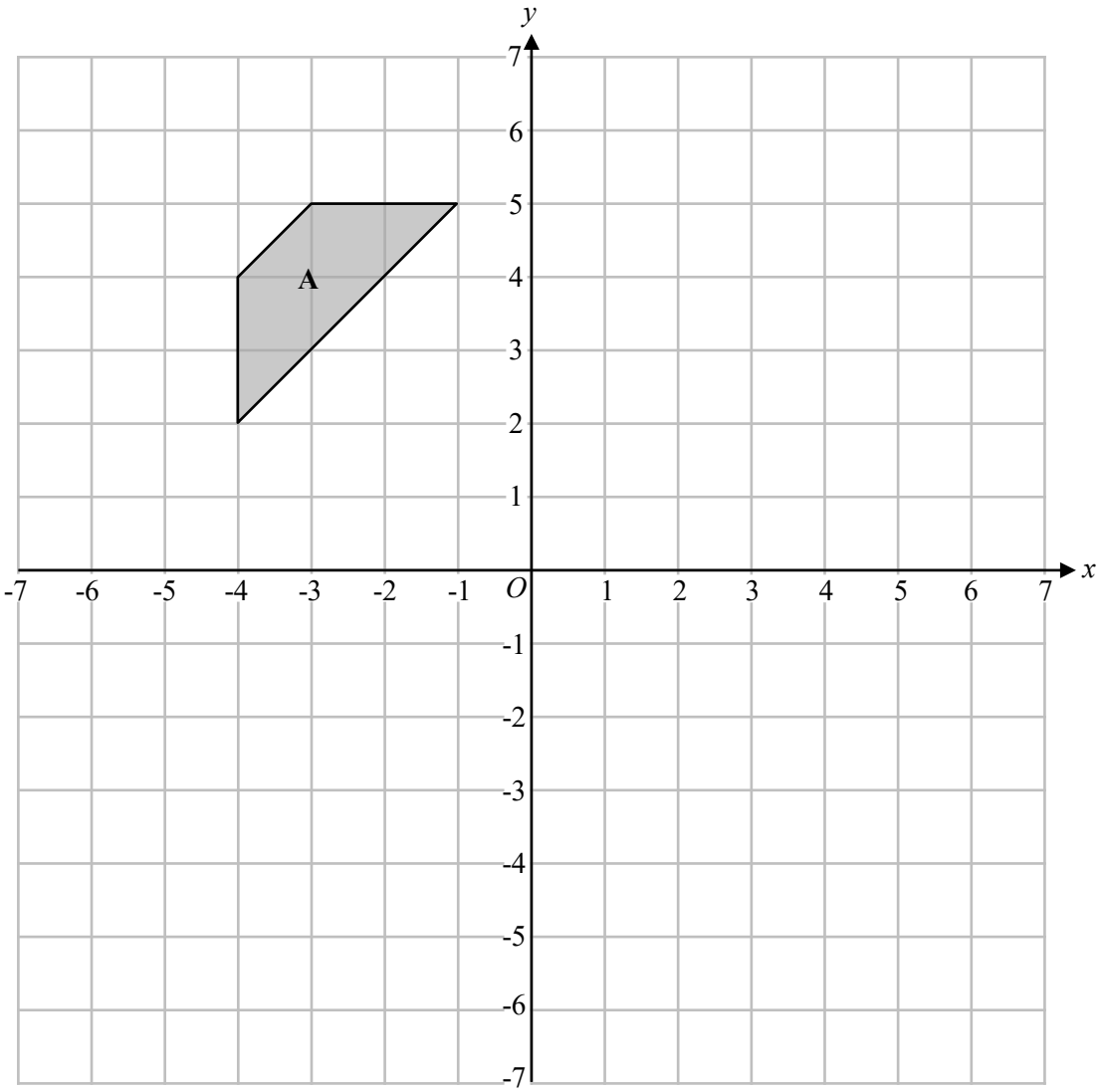
..... cm^2
(2)

(b) Work out the circumference of the circle.
Give your answer to 1 decimal place.

..... cm
(2)

(Total for Question 18 is 4 marks)

19



(a) Rotate shape **A** 90° clockwise about the origin.

Label the new shape **B**

(2)

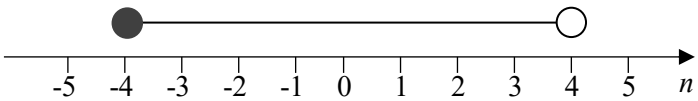
(b) Translate shape **A** by the vector $\begin{pmatrix} 5 \\ -6 \end{pmatrix}$

Label the new shape **C**

(2)

(Total for Question 19 is 4 marks)

20 The number line below shows an inequality for n.



(a) Given that n is an integer, write down the greatest possible value of n.

.....

(1)

(b) Solve $5x + 4 \geq 20$

.....

(2)

(Total for Question 20 is 3 marks)

21 Simplify $\dfrac{c^{20} \times c^{6}}{c^{2}}$

.....

(Total for Question 21 is 2 marks)

22 (a) Use your calculator to work out $\sqrt{9 - \frac{2.1^4}{\pi}}$

Write down all the figures on your calculator display.

.....

(2)

(b) Round your answer from part (a) to 3 significant figures.

.....

(1)

(Total for Question 22 is 3 marks)

23 Change a speed of 15 metres per second into kilometres per hour.

..... kilometres per hour

(Total for Question 23 is 3 marks)

Turn over ▶

24 The table shows information about the population of five different countries.

Country	Population
Estonia	1.4×10^6
France	6.8×10^7
Germany	8.4×10^7
Hungary	9.6×10^6
San Marino	3.4×10^4

(a) Write down the name of the country with the greatest population.

.....

(1)

(b) Write down the name of the country with the median population.

.....

(1)

(c) Work out how many times greater the population of France is than the population of San Marino.
Give your answer as an ordinary number.

.....

(2)

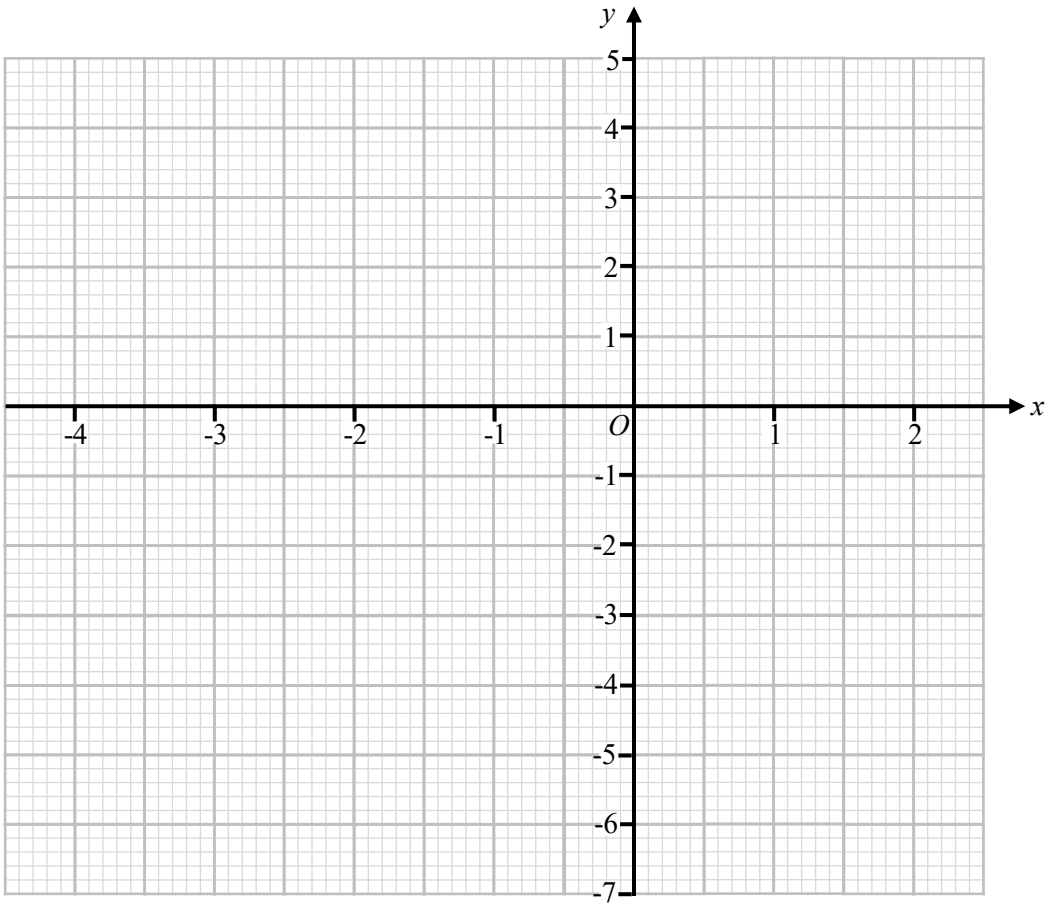
(Total for Question 24 is 4 marks)

25 (a) Complete the table of values for $y = x^2 + 2x - 4$

x	-4	-3	-2	-1	0	1	2
y		-1		-5		-1	4

(2)

(b) On the grid, draw the graph of $y = x^2 + 2x - 4$ for values of x from to -4 to 2



(2)

(c) Use your graph to estimate the roots of the equation $x^2 + 2x - 4 = 0$

.....

(2)

(Total for Question 25 is 6 marks)

Turn over ▶

26 The table shows information about the masses of 20 metal bolts produced by a company.

Mass, m (g)	Frequency
$20 < m \leq 30$	4
$30 < m \leq 40$	5
$40 < m \leq 50$	9
$50 < m \leq 60$	2

(a) Work out an estimate for the mean mass of the 20 bolts.

..... g

(3)

Each bolt is made from a metal with a density of 8 g/cm^3

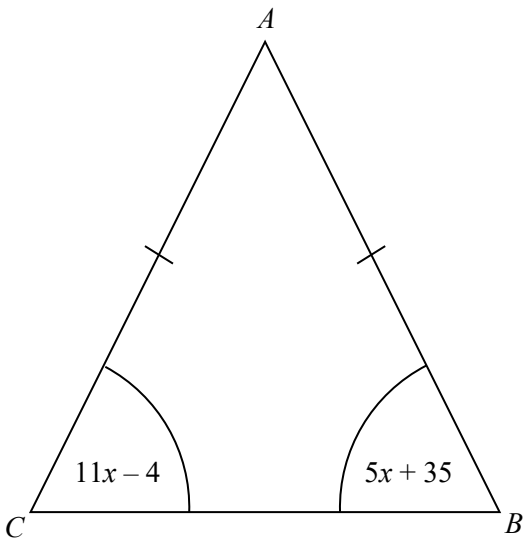
(b) Work out the volume a bolt that has a mass of 44 g

..... cm^3

(2)

(Total for Question 26 is 5 marks)

27 ABC is a triangle.



$AB = AC$

All angles are measured in degrees.

Find the size of angle CAB.

°

.....

(Total for Question 27 is 5 marks)

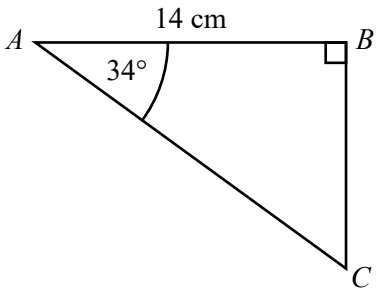
28 Kian invests £9000 in a savings account for 5 years.
The account pays compound interest at a rate of 2% per year.

Calculate how much Kian has in this savings account at the end of the 5 years.

£ .....

(Total for Question 28 is 2 marks)

29 *ABC* is a right-angled triangle.



Calculate the length of *BC*.
Give your answer correct to 3 significant figures.

..... cm

(Total for Question 29 is 2 marks)

TOTAL FOR PAPER IS 80 MARKS