



Please write clearly in block capitals.

Centre number

--	--	--	--	--

Candidate number

--	--	--	--

Surname

Forename(s)

Candidate signature

I declare this is my own work.

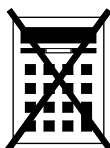
GCSE MATHEMATICS

F

Foundation Tier
Final Third

Paper 1 Non-Calculator

June 2025



For Examiner's Use	
Pages	Mark
2–3	
4–5	
6–7	
8	
TOTAL	

Copyright information

For confidentiality purposes, all acknowledgements of third-party copyright material are published in a separate booklet. This booklet is published after each live examination series and is available for free download from www.aqa.org.uk.

Permission to reproduce all copyright material has been applied for. In some cases, efforts to contact copyright-holders may have been unsuccessful and AQA will be happy to rectify any omissions of acknowledgements. If you have any queries please contact the Copyright Team.

Copyright © 2025 AQA and its licensors. All rights reserved.

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

- 17** A chord is drawn on a circle.
Which statement is correct?
Tick **one** box.
- [1 mark]**

☐

The chord must be longer than the radius.

☐

The chord must be equal in length to the radius.

☐

The chord must be shorter than the radius.

☐

The chord could be longer than, equal in length to or shorter than the radius.

- 18** A metal solid has volume 11 cm^3
The density of the metal is 8.5 g/cm^3
Work out the mass of the solid.
- [2 marks]**

Answer _____ g

19

The table shows information about the marks of students in a test.

	Mean mark	Range of marks
School A	61	14
School B	56	21

Tick **one** box for each statement.

[3 marks]

	True	May be true	Not true
On average, School A had higher marks	☐	☐	☐
There are more students in School B	☐	☐	☐
School B had a greater spread of marks	☐	☐	☐

- 20 (a)** Work out $0.6 \div 100$
Give your answer in standard form.

[2 marks]

Answer _____

- 20 (b)** Work out $40 \times 30 \times 10^5$
Give your answer in standard form.

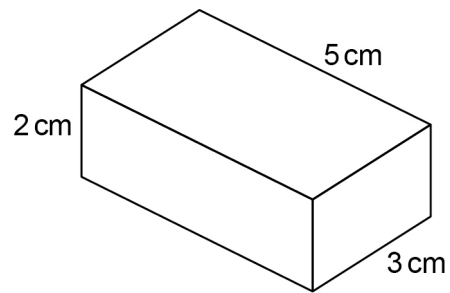
[2 marks]

Answer _____

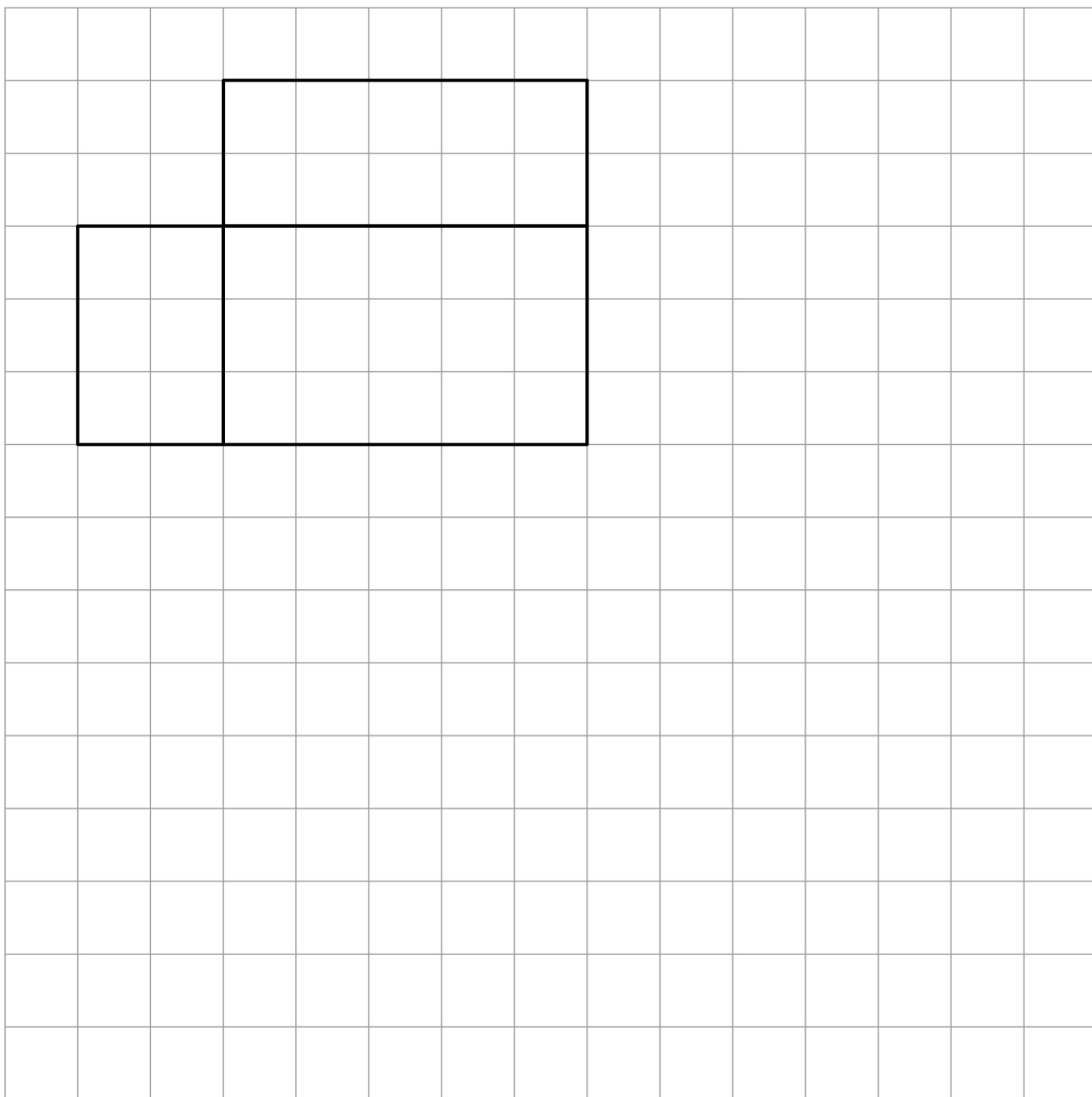
Turn over for the next question

21

Here is a cuboid.



Complete the drawing of the net on the centimetre grid.

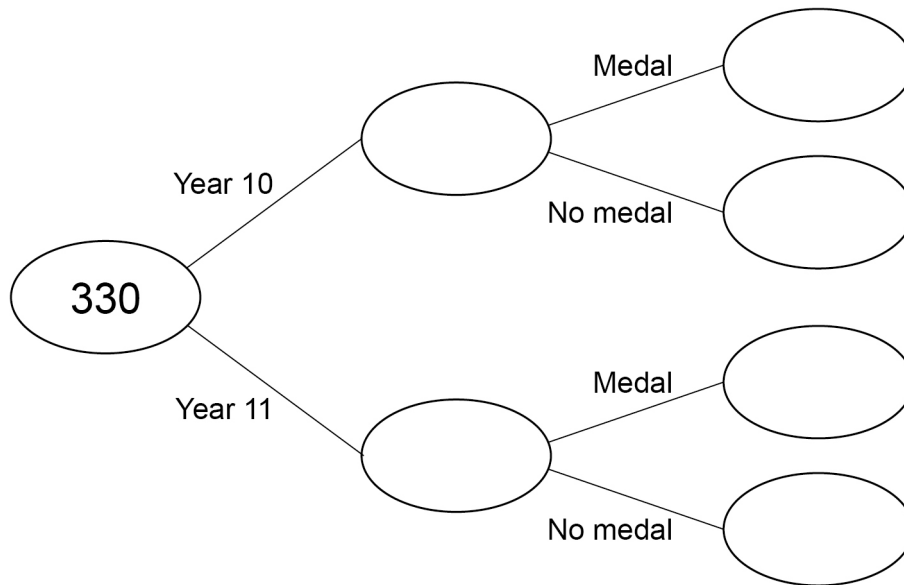
[2 marks]

22

330 students from Year 10 and Year 11 take part in a competition.

- number of students in Year 10 : number of students in Year 11 = 1 : 2
- 125 students win a medal.
- 73 of the students who win a medal are in Year 11

Complete the frequency tree.

[4 marks]

Turn over for the next question

23

Work out $\frac{4}{15} + \frac{1}{5} \div \frac{1}{2}$

Give your answer as a fraction.

[3 marks]

Answer _____

24

$$y = \frac{1}{x}$$

Which of these values of x gives the **greatest** value of y ?

Circle your answer.

[1 mark]

$$\frac{9}{20}$$

$$\frac{2}{5}$$

−80

95

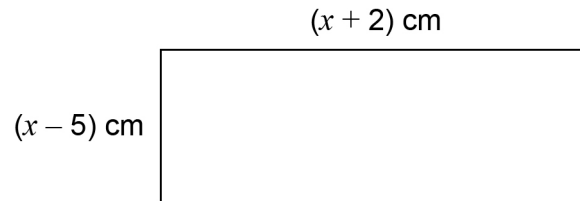
25 Circle the value of $\sin 90^\circ$ **[1 mark]**

0

 $\frac{1}{2}$ $\frac{\sqrt{3}}{2}$

1

26 Not drawn accurately



The area of the rectangle is 120 cm^2

Work out the value of x .

[4 marks]

$x =$ _____

