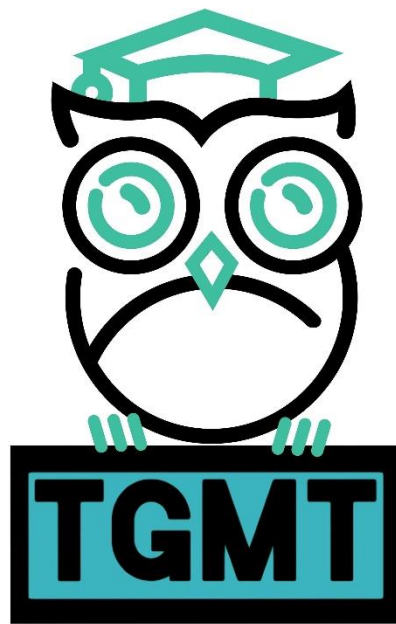


GCSE Mathematics
Practice Paper 2026
Paper 1 (Non-Calculator)

Foundation Tier



How it all Works!

Work through the practice paper,
scan the code, watch the live
tutorial and check your answers!

Try it out!

Disclaimer: There is no guarantee that any specific topic will be examined this way in the summer and you cannot rely on this as your only source of revision. Please visit the YouTube channel for in depth lessons on each of the topics within this document along with any recommended revision that has been instructed by your education provider.

www.thegcsemathstutor.co.uk

Answer ALL questions.

Write your answers in the spaces provided.

You must write down all the stages of your working.

1. Write these numbers in order of size.

Start with the smallest number.

151

390

67

112

245

.....
(1 mark)

2. Write 0.07 as a percentage

..... %
(1 mark)

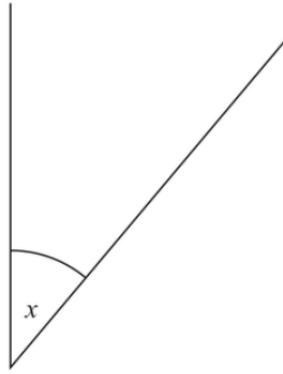
3. Solve $n + 9 = 8$

$n =$
(1 mark)

4. Write $\frac{35}{8}$ as a mixed number

.....
(1 mark)

5. What type of angle is the angle marked x ?



.....
(1 mark)

6. A café is creating meal deals.
A customer can choose one item from **Menu A** and one item from **Menu B**.

Menu A	Menu B
Sandwich (S)	Juice (J)
Wrap (W)	Smoothie (M)
Salad (A)	Coffee (C)
Pasta (P)	

Write down all the possible combinations a customer can choose.

.....
.....
.....

(2 marks)

7. Here is a list of numbers.

2 6 10 14 18 27 36

From this list, write down

(a) the odd number

(b) the multiple of 7

(c) the square number

(d) the prime number

(e) two numbers with a sum of 41

.....
(1 mark)

.....
(1 mark)

.....
(1 mark)

.....
(1 mark)

.....
(1 mark)

8. Simplify $7a + 5b - 4a - 6b$

.....
(2 marks)

9. There are 60 students in total.

40 of the students are boys.

12 of the girls play the piano.

15 of the students who play the guitar are boys.

8 of the 20 students who play the drums are girls.

Each student plays exactly one instrument: piano, guitar or drums.

(a) Use the information to complete the two-way table.

	Piano	Guitar	Drums	Total
Boys				
Girls				
Total				

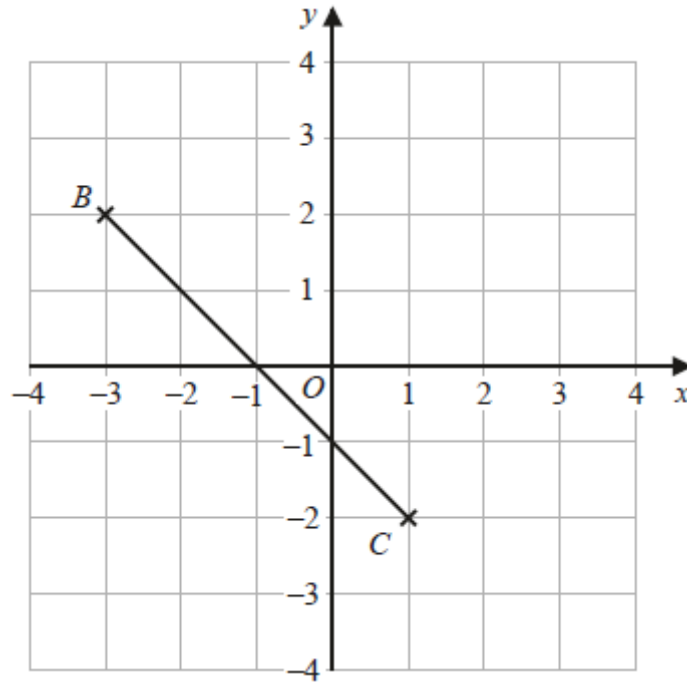
(3 marks)

One of the students is chosen at random.

(b) Write down the probability that the student is a girl who plays the piano.

.....
(1 mark)

10. The diagram shows two points B and C on a grid.



(a) Write down the coordinates of the point C

(..... ,)
(1 mark)

The coordinates of the point A are $(-3, -2)$

(b) On the grid, mark with a cross (x) the position of A
Label the cross A

(1 mark)

(c) Find the coordinates of the midpoint of BC

(..... ,)
(2 marks)

(d) On the grid, draw the line with equation $x = 3$

(1 mark)

11. Write down the mathematical name for a 6-sided polygon

.....
(1 mark)

12. Change 4.8 metres into centimetres

..... *cm*
(1 mark)

13. There are only blue pens and black pens in a box.

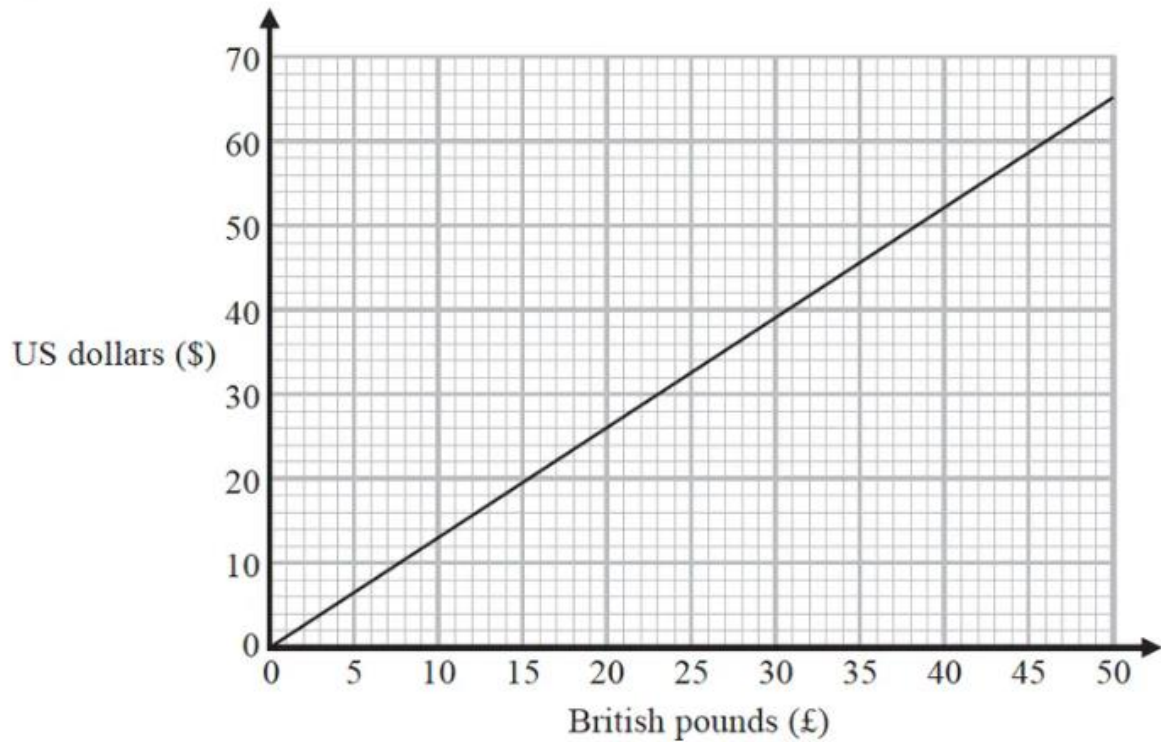
number of blue pens : number of black pens = 2: 5

There are 24 blue pens in the box.

Work out the total number of pens in the box.

.....
(2 marks)

14. This graph can be used to change between US dollars (\$) and British pounds (£).



(a) Change 15 British pounds into US dollars.

\$
(1 mark)

(b) Change 52 US dollars to British pounds

£
(1 mark)

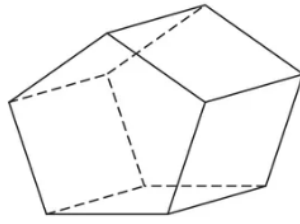
Steven needs 300 US dollars to pay for a hotel stay.

He has 250 British pounds.

(c) Show that Steven has enough money to pay for his hotel stay.

(2 marks)

15. Here is a prism



Meekail makes a model of the shape.

He uses a length of wire to make each edge of the model.

Each edge of the model is 5cm long.

Meekail has 90cm of wire.

What length of wire does he have left after making the model?

..... cm
(2 marks)

16. Find the number that is exactly halfway between $\frac{8}{25}$ and 0.88

.....
(2 marks)

17. (a) Simplify $a^{12} \div a^4$

.....
(1 mark)

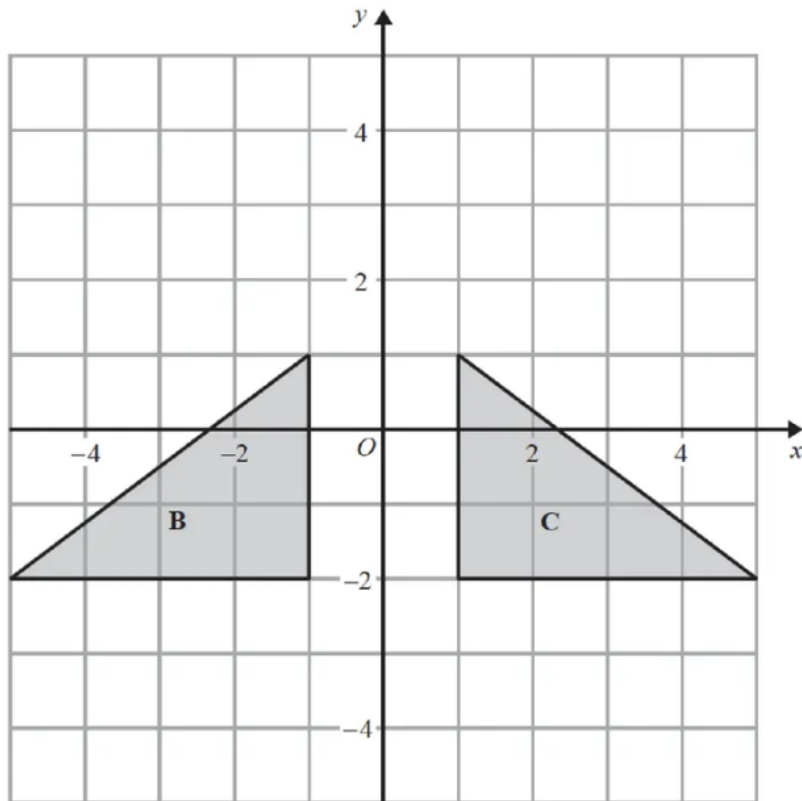
(b) Simplify $3b^4c^5 \times 5b^2c$

.....
(2 marks)

18. Solve $5x - 6 = 3(x - 1)$

$x =$
(3 marks)

19.



Describe fully the single transformation that maps triangle **B** onto triangle **C**.

.....

.....

(2 marks)

20. The n th term of a sequence is $8 - 6n$

Is -58 a term of this sequence?

You must show how you get your answer.

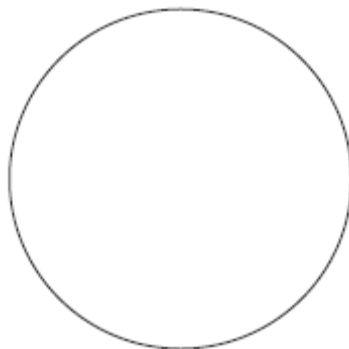
(2 marks)

21. Work out $1\frac{3}{4} \times 1\frac{1}{3}$

Give your answer as a mixed number

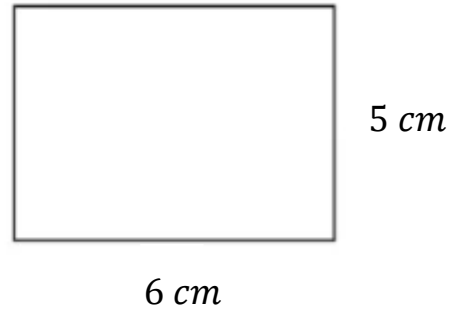
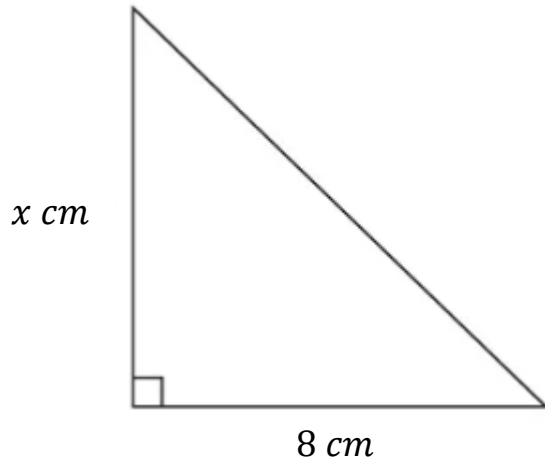
.....
(3 marks)

22. On the diagram below, draw a chord of the circle.



(1 mark)

23. Here is a triangle and a rectangle.



The height of the triangle is x cm

The area of the triangle is 20 cm^2 greater than the area of the rectangle.

Work out the height of the triangle.

..... cm
(4 marks)

24. A charity sells tickets for a raffle.

It receives £0.91 for every 10 tickets sold.

A total of 513 tickets are sold.

The charity gives 5% of the money raised to a local animal shelter.

(a) Work out an estimate for the amount of money donated to the local animal shelter.

£

(3 marks)

(b) Is your answer to part (a) an underestimate or an overestimate?

Give a reason for your answer.

.....

.....

(1 mark)

25. Find the highest common factor (HCF) of 72 and 90

.....
(2 marks)

26. Work out $63.72 \div 1.2$
Give your answer as a decimal

.....
(3 marks)

27. A warehouse stores 520 boxes of goods.
The boxes contain electronics, clothing, toys or books.

$\frac{3}{8}$ of the 520 boxes contain electronics.

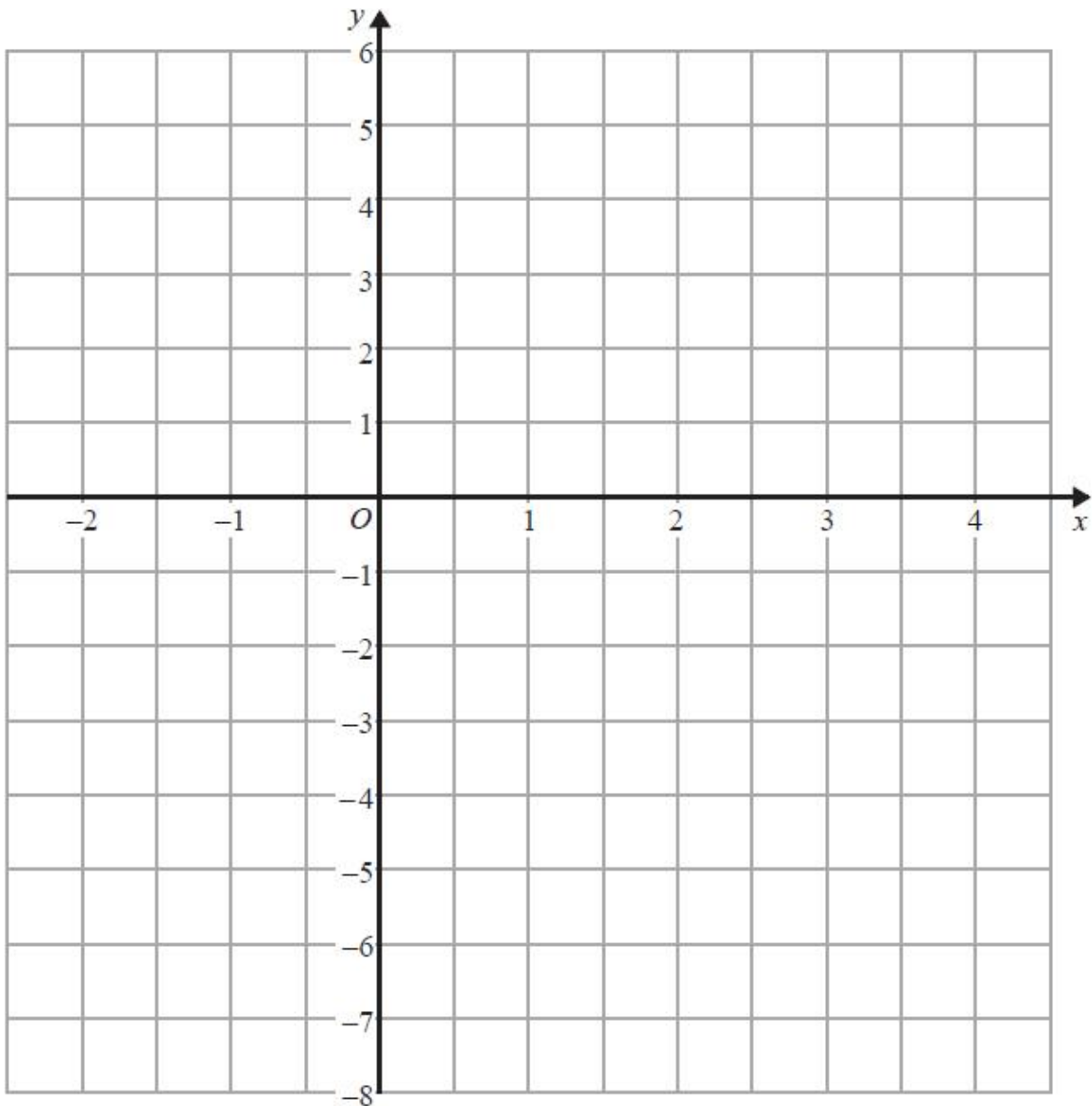
30% of the 520 boxes contain clothing.

The number of boxes containing toys to the number of boxes containing books is in the ratio 6: 7.

Work out the number of boxes containing books.

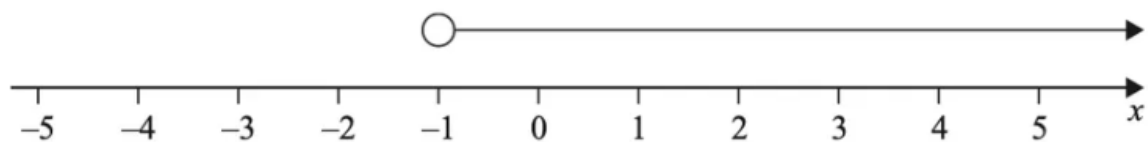
.....
(5 marks)

28. On the grid below, draw the graph of $3x + 2y = 6$ for values of x from -2 to 4



(3 marks)

29. Here is an inequality in x shown on a number line.



(a) Write down the inequality.

$$-12 \leq 3y < 6$$

y is an integer

(b) Find all the possible values of y

.....
(1 mark)

.....
(2 marks)

30. Factorise fully $15a^3b^2 - 21a^2$

.....
(2 marks)

31. The mean mass of 5 parcels is 3.6 kg.
One of the parcels has a mass of 4.8 kg.
Work out the mean mass of the other 4 parcels.

..... kg
(3 marks)

32. Make m the subject of the formula $p = \frac{m}{5} + 2$

.....
(2 marks)

End of Paper