CAMBRIDGE
International Education

Mathematics

Stage 5

Paper 2

2026

Cambridge Primary Progression Test

Name

Class

Date

45 minutes

Additional materials: Calculator
Set square
Tracing paper (optional)

INSTRUCTIONS

- Answer **all** questions.
- Write your answer to each question in the space provided.
- You should show all your working on the question paper.
- You may use a calculator.

INFORMATION

- The total mark for this paper is 40.
- The number of marks for each question or part question is shown in brackets [ ].

1 Write a number in each box to complete the sentence.

$\frac{1}{4}$ is equivalent to ☐ divided by ☐

[1]

2 Here is a dotted grid of triangles.

Draw an equilateral triangle. [1]

3 Draw a line to match the activity to the likely time span.

clap hands once	0.5 seconds
	5 seconds
	25 seconds
	5 minutes

[1]

4 Here are some numbers.

234.5 123.45 12.34 1.23

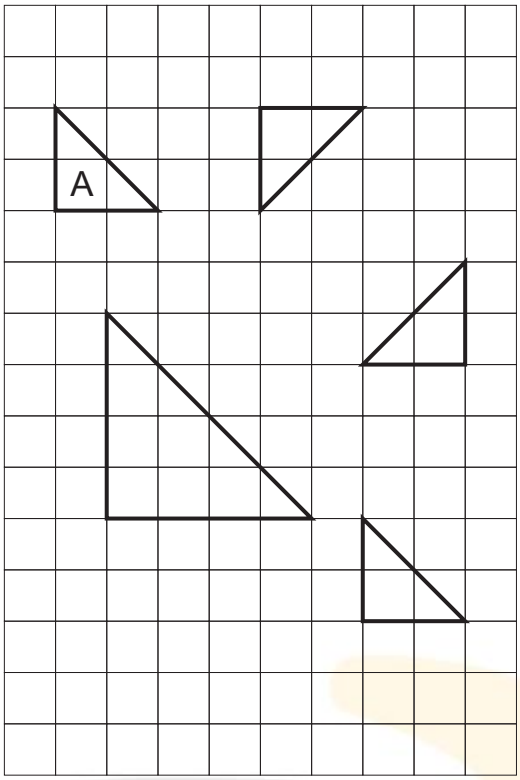
Draw a ring around the number where the digit 3 represents 3 tenths. [1]

5 Write a number in the box to complete the sentence.

$$1\frac{1}{3} = \frac{\square}{3}$$

[1]

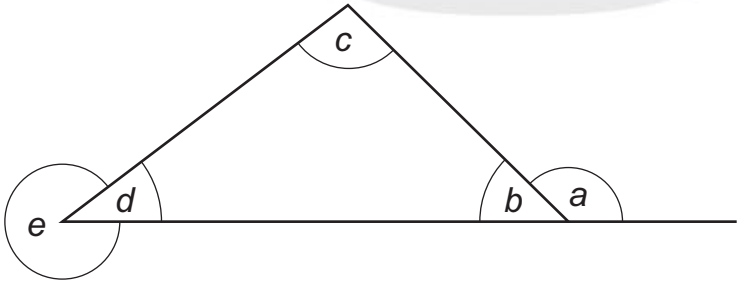
6 Here are five triangles drawn on a grid of squares.



Draw a ring around the triangle which is a translation of triangle A. [1]

7 Here is a shape made of three straight lines.

Some angles have been labelled.



Write the letter of the reflex angle.

..... [1]

8 Write a number in **each** box to complete the sentences.

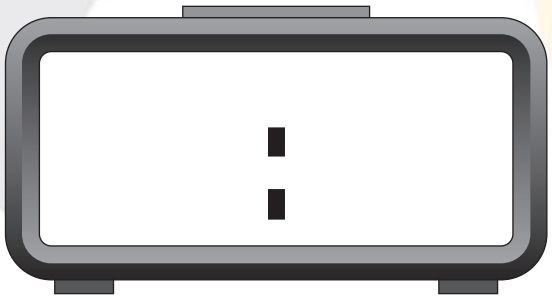
$\frac{1}{2} = \square$ %

0.4 = $\square$ %

[2]

9 Here is a picture of a digital clock.

Write the time the clock shows 10 minutes later.



[1]

10 Calculate.

$\frac{2}{3}$ of 60

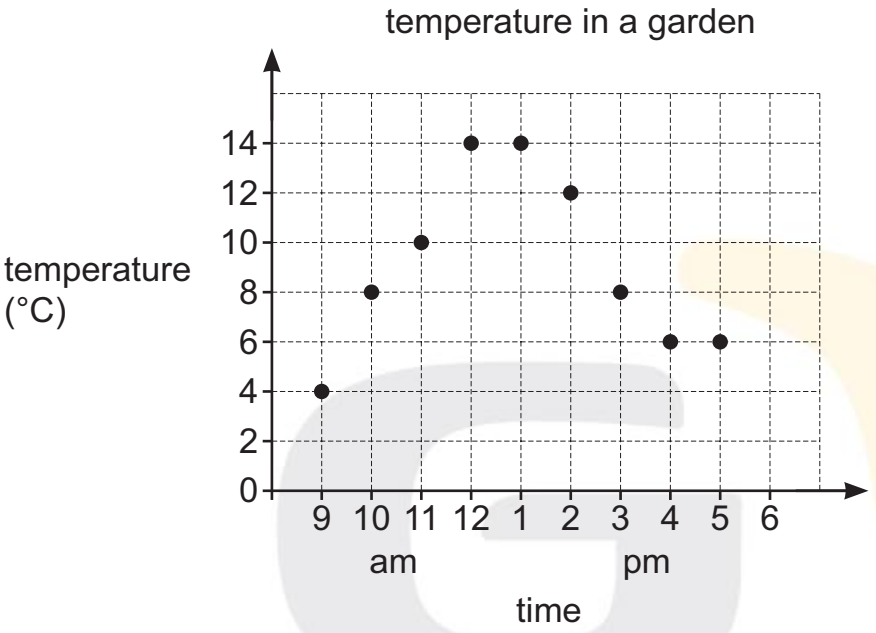
..... [1]

11 Write a number in **each** box to complete the statement.

$$\frac{\square}{\square} - \frac{\square}{\square} = \frac{2}{7}$$

[1]

12 Here is a graph that shows the temperature in a garden.



(a) Write the temperature at 10 am.

.....°C [1]

(b) Calculate the rise in temperature between 11 am and 1 pm.

.....°C [1]

13 **(a)** Draw a line to match 1.5 hours to the equivalent time interval.

	15 minutes
	1 hour 3 minutes
1.5 hours	1 hour 5 minutes
	1 hour 30 minutes
	1 hour 50 minutes

[1]

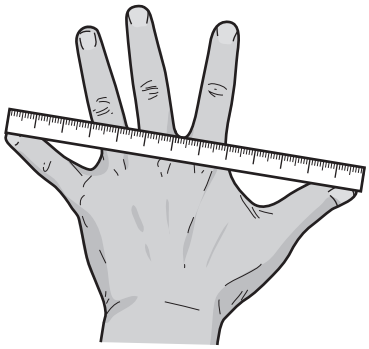
(b) Calculate.

1 day + 2.5 days

Write your answer in **hours**.

..... hours [1]

14 Angelique measures the hand span of some children.



hand span

She shows the information in a frequency table.

hand span in whole cm	frequency
5 – 7	2
	6
	7
14 – 16	4

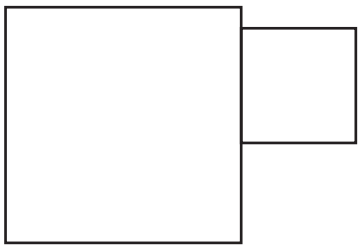
(a) Write the total number of hand spans Angelique measures.

..... [1]

(b) She uses intervals of equal length in the frequency table.

Complete the frequency table. [1]

15 Two squares are joined to make a compound shape.



not to scale

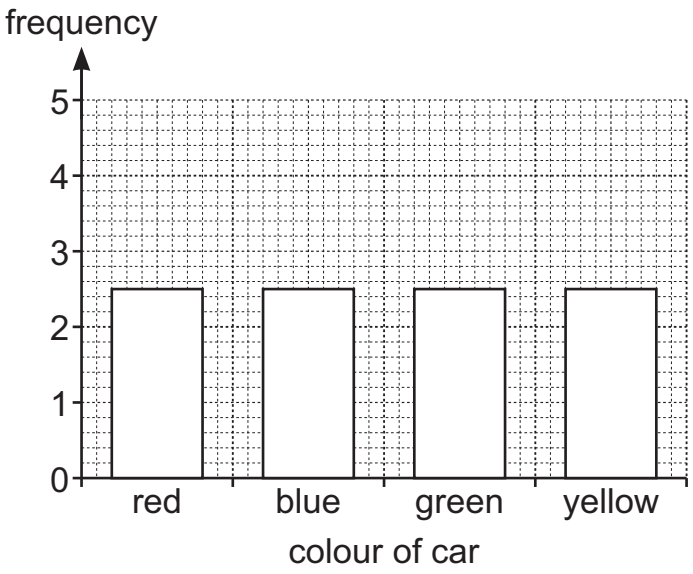
The length of each side of the small square is 2 cm.
The area of the compound shape is 40 cm^2.

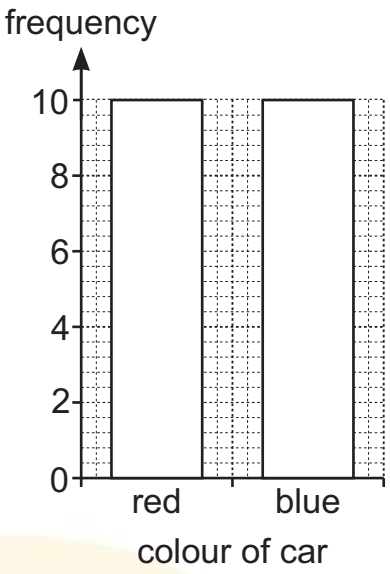
Calculate the length of each side of the large square.

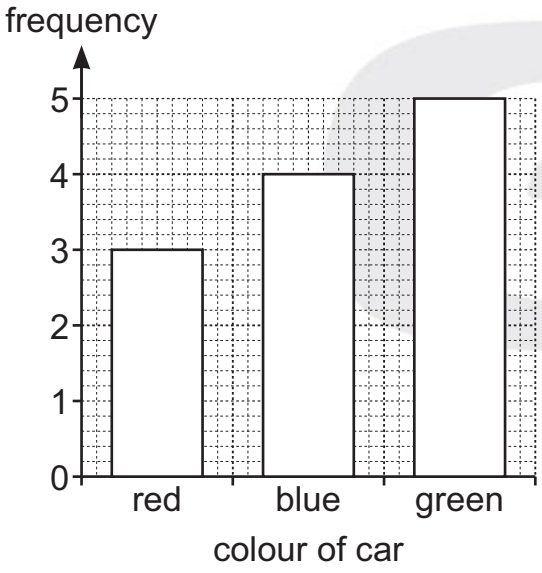
..... cm [2]

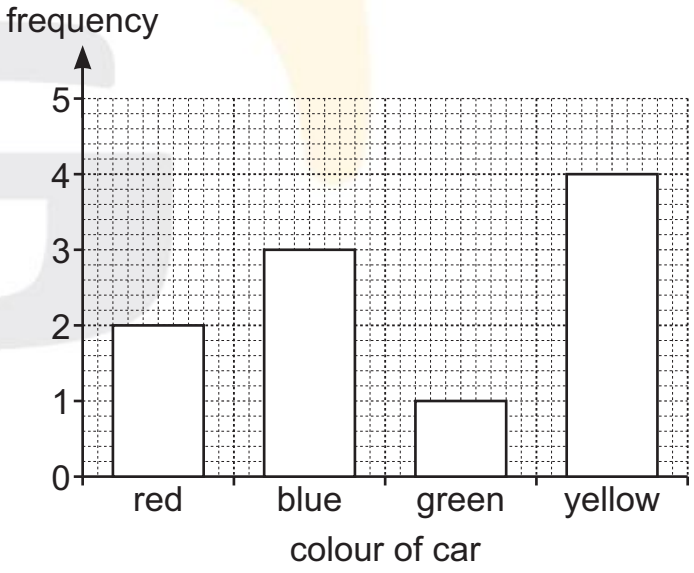
16 Chen records the colour of 10 different cars.
He shows his results in a bar chart.

Draw a ring around Chen's bar chart.









[1]

17 Round 3.6 centimetres to the nearest centimetre.

..... centimetres [1]

18 Write a number in the box to make the statement correct.

$$\square^{2} = 64$$

[1]

19 Write a fraction in the box to complete the statement.

$$\frac{2}{15} < \square < \frac{1}{3}$$

[1]

20 Samira has two different toys.
She wants to know which toy is easier to build.

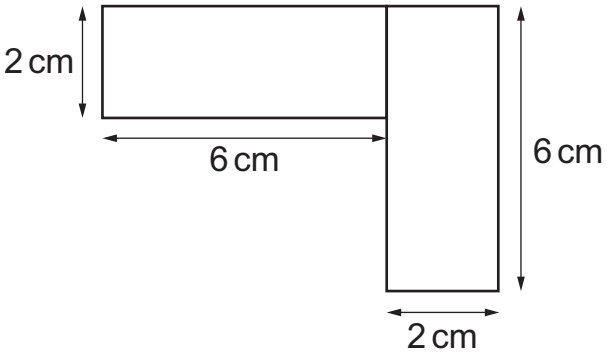
Here is some information she could use to help with her investigation.

The number of pieces in each toy.	
The number of instructions for each toy.	
The size of the pieces in each toy.	
The size of the box the toy is in.	

Tick (✓) the box next to the information that is least helpful for Samira's investigation.

[1]

21 Two identical rectangles are joined to make a new shape.



not to scale

Calculate the perimeter of the new shape.

..... cm [1]

22 Write the correct number in the box to complete the statement.

$37 \times 100 \div 10 \times \square = 3700$

[1]

23 Draw a ring around **all** the numbers that round to 1 500 000 when rounded to the nearest 100 000

1 405 000

1 540 000

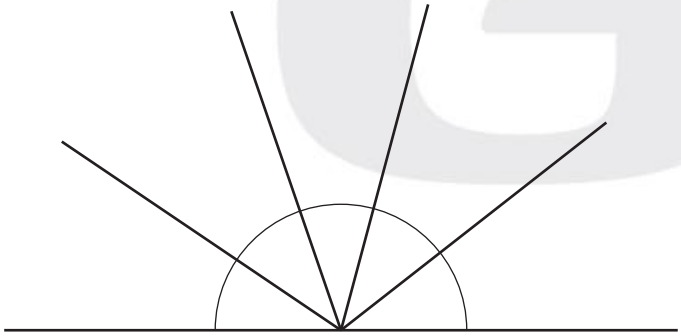
1 054 000

1 045 000

1 450 000

[1]

24 Five identical angles are joined together to make a straight line.

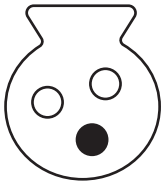


not to scale

Calculate the size of each angle.

..... ° [1]

25 Here are some bags containing black balls and white balls.
Each bag is identified by a letter A, B or C.


A


B


C

Carlos picks a ball.

Write a letter in each box to complete the statements.

Carlos is **most** likely to pick a white ball from bag ☐

Carlos is **least** likely to pick a white ball from bag ☐

[1]

26 △ represents the mass of a wooden box in kg.

○ represents the mass of a tin in kg.

△ + △ + ○ + ○ = 20 kg

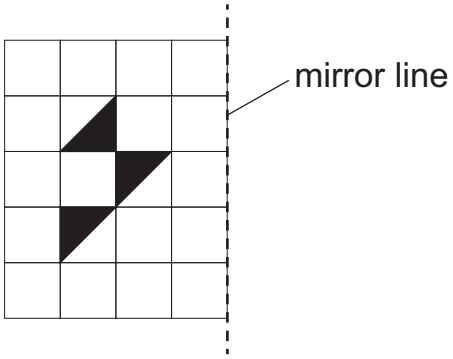
Write a possible pair of values for △ and ○ to make the statement correct.

△ = ... kg

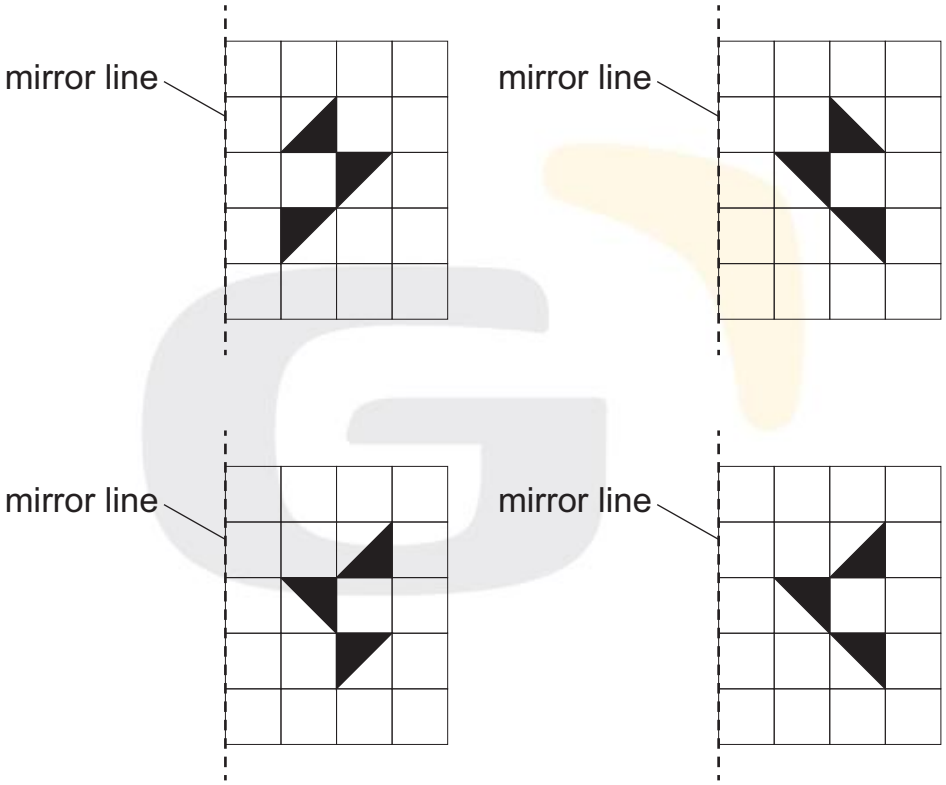
○ = ... kg

[1]

27 Here is a shape drawn on a grid of squares.



Draw a ring around the correct reflection of the shape in the mirror line.



[1]

28 Tick (✓) to show if each statement is true or false.

statement	true	false
Some pairs of identical right-angled triangles can be joined to make a square.		
Some pairs of identical right-angled triangles can be joined to make a rectangle.		
Some pairs of identical right-angled triangles can be joined to make a right-angled triangle.		

[1]

29 Yuri arranges counters to show the spatial patterns for two different square numbers.

He uses a **total** of 20 counters.

Draw the spatial pattern for each of his two square numbers.

[1]

30 Safia takes 5 spelling tests.
The median of her scores is 5
The mode of her scores is 6

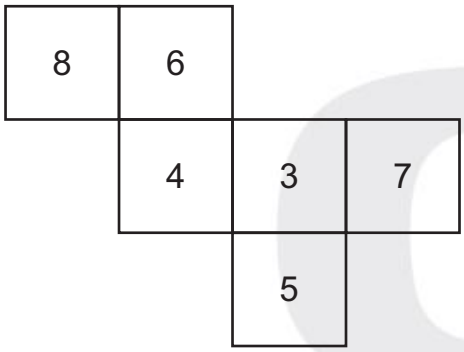
Here are two of her scores.

5 6

Write possible values for the other **three** scores.

..... and ..... and ..... [1]

31 Here is the net of a cube.



The numbers on opposite faces of the cube always have the same total.

Write the total of the numbers on each pair of opposite faces of the cube.

..... [1]

32 Youssef plots point A (1, 5) on a coordinate grid of centimetre squares.
Point B has the coordinates (1, 2).
Youssef plots points B and C.
Points B and C are both the same distance from A.

Write one possible coordinate for point C.

(..... , ...) [1]

33 Here are the 1st and 5th terms in a sequence.

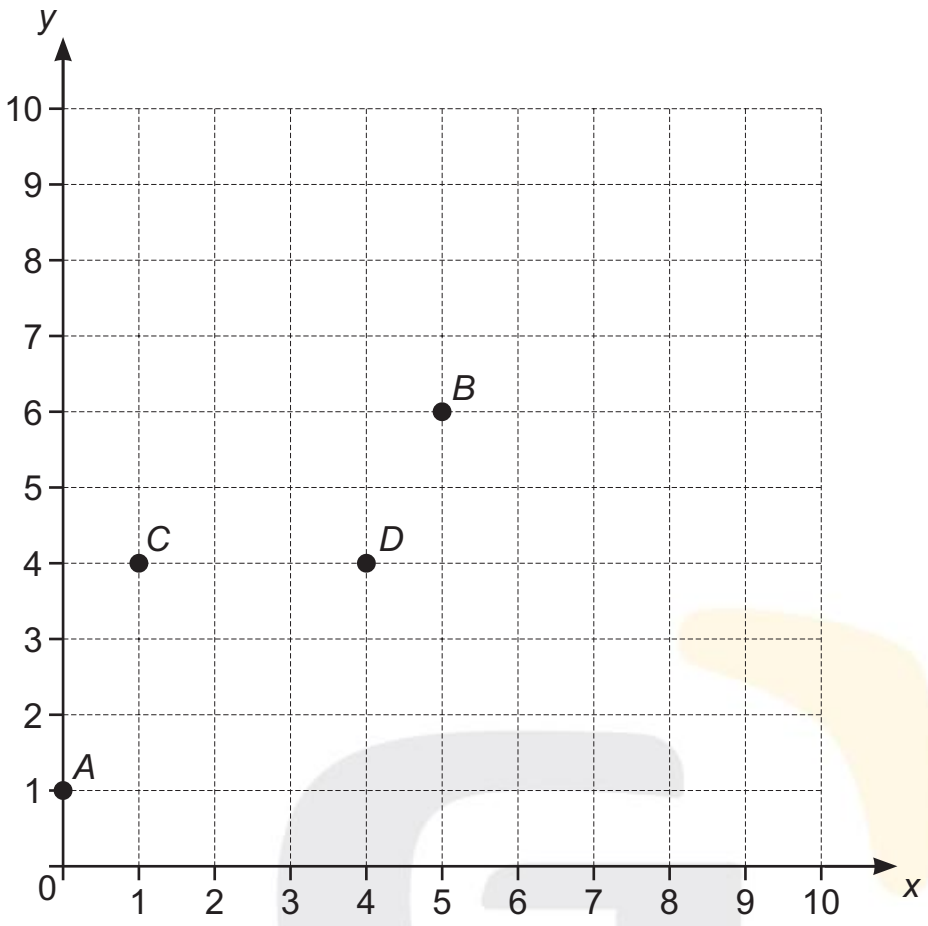
3 … … … 39

The sequence has steps of constant size.
The sequence continues in the same way.

Write the 6th term in the sequence.

..... [1]

34 Here is a coordinate grid.
The points *A*, *B*, *C* and *D* are marked.



Lily draws a straight line from point *A* to point *B*.
She draws another straight line from point *C* to point *D*.

Write the coordinates of the point that is on both straight lines.

(..... , ...) [1]

35 Mike and Oliver are friends.

Mike says,

‘The likelihood that I will see a giraffe tomorrow is almost certain.’

Oliver says,

‘The likelihood that I will see a giraffe tomorrow is almost impossible.’

Explain how both statements could be correct.

.....

.....

..... [1]

