

Mathematics

Stage 5

Paper 1

2026

Cambridge Primary Progression Test

Name

Class

Date

45 minutes

Additional materials: 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 are **not** allowed to 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 [].

Cambridge provides this paper to centres via the PLS School Support Hub. You may reproduce this paper for internal educational use with candidates enrolled at your centre only, and in accordance with section L2 of the current Cambridge Handbook

You must not

- Upload, post or share any part of this paper in any way.
- Distribute the paper outside your centre or permit third parties to access it.
- Modify or sell this paper.

If you believe this paper has been misused, email brandprotection@cambridge.org

1 Here are some decimal numbers.

1.8

5.2

4.4

3.1

2.9

Draw a ring around the **largest** decimal number.

[1]

2 Multiply 3.6 by 2

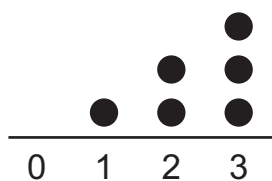
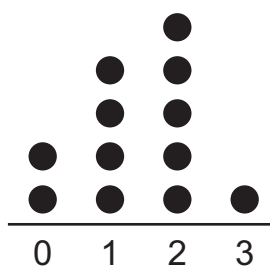
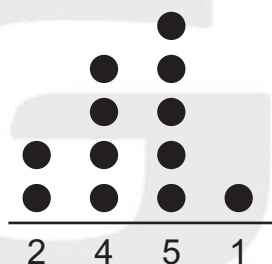
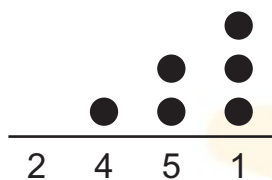
[1]



- 3 Here is a frequency table showing the number of snacks a group of children eat at a party.

number of snacks	frequency
0	2
1	4
2	5
3	1

Draw a ring around the correct dot plot.



[1]

4 Calculate.

$$1.32 + 2.14$$

..... [1]

5 Calculate.

(a) $\frac{3}{9} + \frac{2}{9}$

..... [1]

(b) $\frac{5}{8} + \frac{1}{4}$

..... [1]

- 6 Here is the spatial pattern of the first three triangular numbers.



Draw the spatial pattern of the **next** triangular number.

[1]

- 7 Here is a frequency table that shows the colour of cars in a car park.

colour of car	frequency	proportion
red	4	25%
blue	8
silver	4

Complete the frequency table to show the proportion of cars of each colour in the car park.

Write each answer as a percentage.

[1]

8 Calculate.

$$6.7 \div 10$$

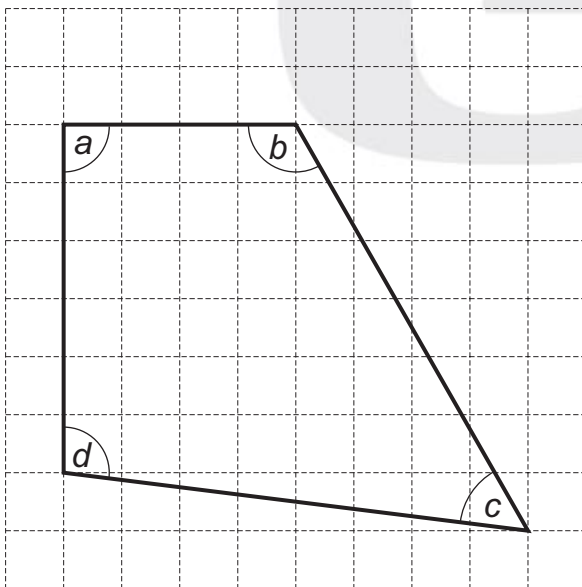
..... [1]

9 Calculate.

$$6 + 6 \div 3$$

..... [1]

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

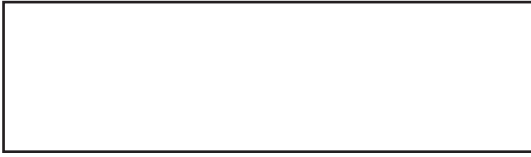


The angles are labelled a , b , c and d .

Write the letter that represents the largest angle.

..... [1]

11 Here is a rectangle.



Measure the perimeter of the rectangle.

..... cm [1]

12 Draw a ring around the statement that is equivalent to 30.83

$$3 + 0 + 0.8 + 0.3$$

$$30 + 0 + 0.8 + 0.3$$

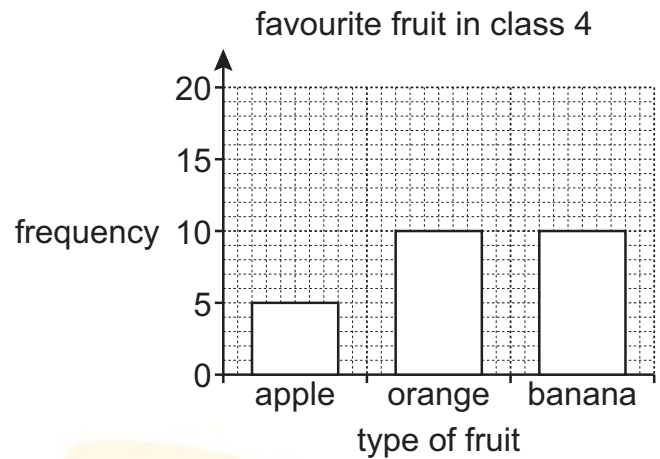
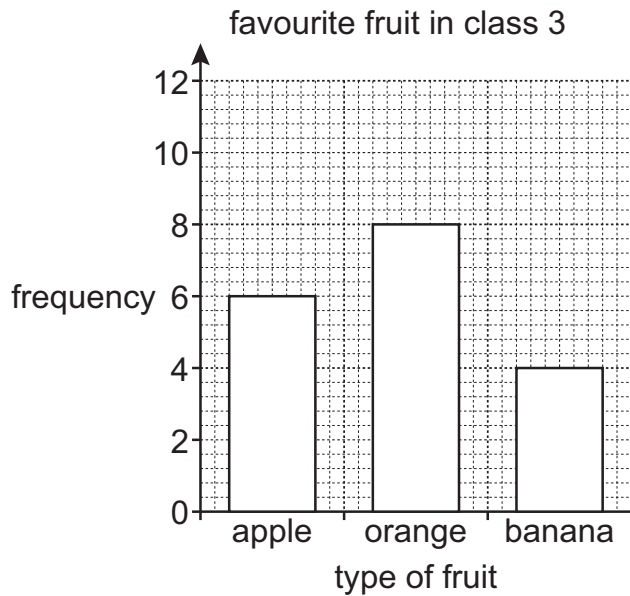
$$3 + 0 + 0.8 + 0.03$$

$$30 + 0 + 0.8 + 0.03$$

[1]

13 Eva collects data to show the favourite fruit of children in class 3 and class 4.

She presents her data in bar charts.



Write the **total** number of children whose favourite fruit is an orange.

..... children [1]

14 Gabriella writes two pairs of calculations.

Here are her calculations.

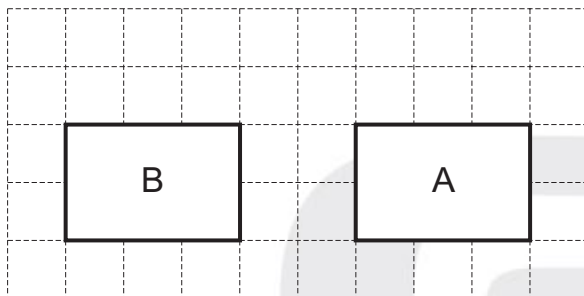
pair 1	$76 \div 7$	$76 \div 5$
---------------	-------------	-------------

pair 2	$41 \div 7$	$32 \div 7$
---------------	-------------	-------------

Draw a ring around the calculation in **each** pair that gives the largest answer.

[1]

15 Here are two rectangles drawn on a grid of squares.



Rectangle A is translated to give rectangle B.

Complete the description of the translation.

Rectangle A is translated squares to the [1]

16 Calculate.

$$463 - 217 + 135$$

..... [1]

17 Complete the sentence.

A scalene triangle has lines of symmetry. [1]

18 The time in Brisbane is 8 hours ahead of the time in Cape Town.
The time in Cape Town is 09:00

Write the time in Brisbane.

..... [1]

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

$$2 \times 9 \times 5 = 2 \times \boxed{} \times 9 = 90$$

$$6 \times 17 = 6 \times \boxed{} + 6 \times 7 = 102$$

$$36 \times 5 = \boxed{} \times 2 \times 5 = 180$$

[2]

20 Here are four statements.

statement	true	false
$\frac{1}{2} \div 2 = 1$		
$\frac{1}{4} \div 2 = \frac{1}{8}$		
$\frac{1}{5} \times 10 = 2$		
$\frac{1}{3} \times 6 = \frac{1}{2}$		

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

[2]

21 Here is part of a sequence.

20 27 34 ...

The sequence continues in the same way.

Write the smallest 3-digit number in the sequence.

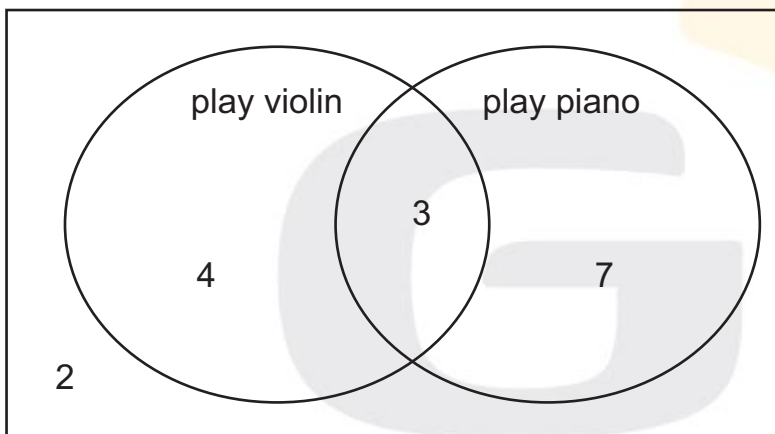
..... [1]

- 22** Pierre draws some rectangles.
 Each rectangle has an area of 12 cm^2 .
 The length of each side of the rectangles is a whole number of centimetres.

Write the number of **different** rectangles Pierre can draw.

..... [1]

- 23** Here is a Venn diagram that shows the number of children who play some musical instruments.



Complete the Carroll diagram to show the same information.

	play violin	do not play violin
play piano		
do not play piano		

[1]

24 Rajiv has a box that contains beads of different colours.

The box contains:

- 3 red beads
- 4 green beads
- 2 blue beads
- some yellow beads

Rajiv picks a bead at random from the box.

Rajiv is **less** likely to pick a yellow bead than a green bead.

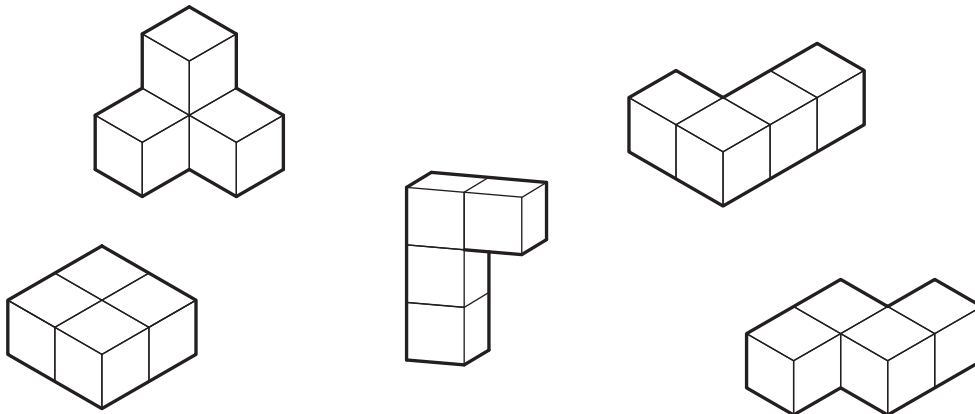
Rajiv is **more** likely to pick a yellow bead than a blue bead.

Write the number of yellow beads in the box.



[1]

- 25** Here are some 3D shapes.
Each shape is made with four small cubes.



Draw a ring around the **two** identical 3D shapes.

[1]

- 26** Calculate.

(a) 108×24



..... [1]

(b) $207 \div 3$

..... [1]

27 Here is a calculation.

		9		+		2	4			=		0	5
--	--	---	--	---	--	---	---	--	--	---	--	---	---

Write a digit in **each** box to complete the calculation.

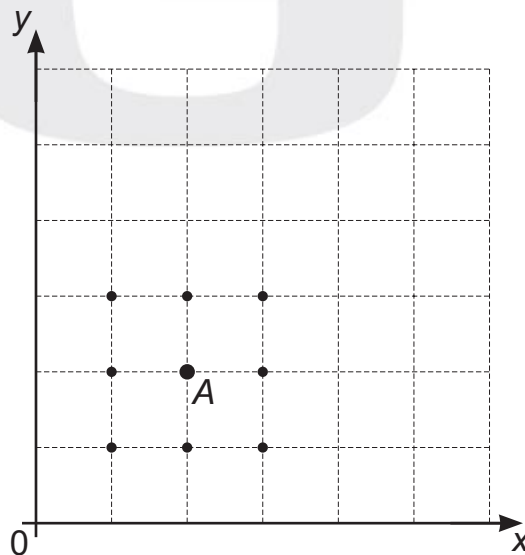
[1]

28 Write a number in the box to complete the statement.

3 months is **always** less than weeks.

[1]

29 Here is a coordinate grid.

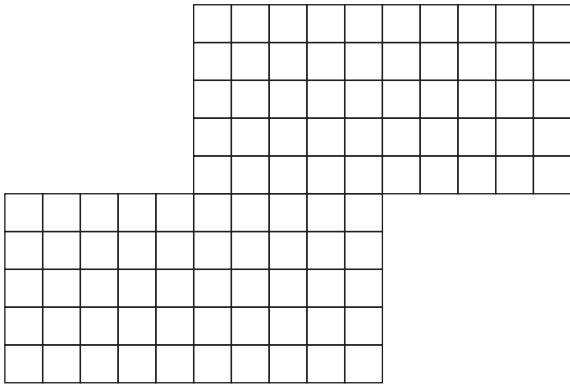


The point A has coordinates (4, 4).

Draw a ring around the point with coordinates (6, 2).

[1]

30 Here is a shape made of 100 squares.



Jamila shades $\frac{1}{4}$ of the shape.

Mia shades 10 more squares.

Write the **total** percentage of the shape that is shaded.

..... % [1]

31 Write a **different** number in each box to complete the statements.

is a factor of 4

4 is a factor of

is a multiple of 16

12 is a multiple of

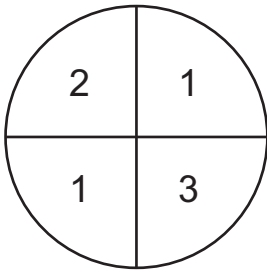
[1]

32 One third of the length of a piece of wood is 60 centimetres.

Write the length of the piece of wood.

..... centimetres [1]

33 Here is a spinner with 4 equal sections.



Hassan says,



If I spin the spinner 4 times,
it is certain that I will get two 1s

Hassan is **not** correct.

Explain how you know.

.....

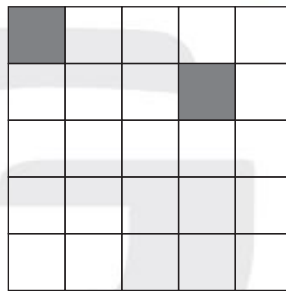
 [1]

- 34** A bag contains black balls, white balls and pink balls.
 There are a total of 10 balls in the bag.
 For every black ball in the bag there are 2 white balls.
 There is 1 pink ball in the bag.

Write the number of white balls in the bag.

..... [1]

- 35** Here is a shape made of small squares.



Two small squares are shaded.

Shade **two more** small squares so that the shape has 2 lines of symmetry.

[1]

36 Tick (✓) to show if the statements are true or false.

statement	true	false
all numbers that are divisible by 2 are also divisible by 4		
all numbers that are divisible by 2 and 4 are also divisible by 8		
all numbers that are divisible by 8 are also divisible by 4		

[1]



BLANK PAGE

Permission to reproduce items where third-party owned material protected by copyright is included has been sought and cleared where possible. Every reasonable effort has been made by the publisher (Cambridge University Press & Assessment) to trace copyright holders, but if any items requiring clearance have unwittingly been included, the publisher will be pleased to make amends at the earliest possible opportunity.

To avoid the issue of disclosure of answer-related information to candidates, all copyright acknowledgements are reproduced online in our Copyright Acknowledgements Booklet. This is produced annually and is available to download at <https://primary.cambridgeinternational.org/>

Cambridge International Education is the name of our awarding body and part of Cambridge University Press & Assessment, which is a department of the University of Cambridge.