Cambridge Assessment International Education

Mathematics

Stage 3

Paper 2   **2024**

Cambridge Primary Progression Test

Name

Class

Date

40 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 30.
- The number of marks for each question or part question is shown in brackets [ ].

1 Draw a ring around the number that is a multiple of 5

　　　　　　58　　　　　80　　　　　101　　　　　151

[1]

2 Yuri is in Class 3 at his school.

Draw a line to match each event to the correct likelihood.

It might happen.

Yuri will see a kitten on the way to school
tomorrow.

It will happen.

Tomorrow Yuri will be a day younger than
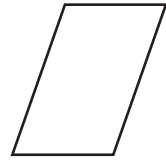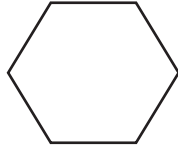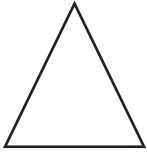he is today.

It will not happen.

[1]

3 Draw **all** the lines of symmetry on each picture.
Use a ruler.

[2]

4 Tick (✓) the **two** 2D shapes that have at least one angle inside that is greater than a right angle.

[1]

5 Write down **all** the even numbers that are greater than 30 but less than 40

.... [1]

6 Write a different number in each box to complete the mathematical statement.

$$\frac{\boxed{}}{7} \quad < \quad \frac{\boxed{}}{7} \quad < \quad \frac{3}{7}$$

[1]

7 Write **three hundred and six** in figures.

.... [1]

8 Write a number in each box to make the statements correct.

$$400 \quad + \quad \boxed{} \quad = \quad 1000$$

$$\boxed{} \quad + \quad 520 \quad = \quad 1000$$

[2]

9 Naomi sorts some shapes.
She uses a Venn diagram to show the number of shapes she has.
Here is her Venn diagram.
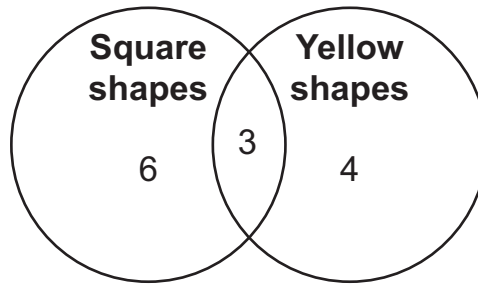
Naomi says,

'The Venn diagram shows that I have 6 square shapes.'

Naomi is wrong.

Explain how you know.

....

....

.... [1]
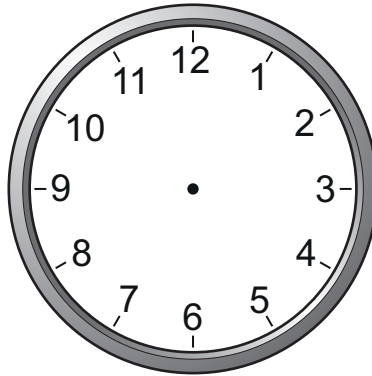
10 Here are three symbols.

>   <   =

Write a symbol in each box to complete the number sentences.
You may use each symbol once, more than once or not at all.

5 × 15 [   ] 4 × 20

2 × 48 [   ] 3 × 31

[2]

11 Draw the correct **hour and minute** hands on the clock face to show 19 minutes past two.

[1]

12 Draw a line to match each item to the best estimate of its length.

    4 cm

    20 cm

    50 m

    400 cm

Not drawn to scale

[1]

13 Carlos receives $2 of pocket money every day.
He saves all his money.
When he has $10 he takes his money to the bank.
Here is his calendar.

January

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1
2	3	4	5	6	7 *Go to the bank*	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Carlos takes his money to the bank on the 7th of January.

Write down the next two dates when he takes his money to the bank.

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

14 Safia shares 75 apples equally between 5 bags.

Work out the number of apples in each bag.

.... [1]

15 Here are some numbers.

<div align="center">

6   29   55   60   82

</div>

Draw a ring around the numbers that have a tens digit that is greater than 5

[1]

16 Jamila wants to buy a new fence to go around the edge of her garden.
She counts the number of steps it takes her to walk around the edge of her garden.
She uses the number of steps as a measurement for the fence.

Suggest a better way Jamila could measure her garden.

....

.... [1]

17 Youssef makes birthday cards.

He makes 5 cards on Monday.
He makes 7 cards on Tuesday.
He makes 9 cards on Wednesday.

He continues making cards in this pattern for two more days.

Calculate the **total** number of cards he has at the end of Friday.

.... [2]

18 Angelique's father drinks 2 cups of coffee every day.
He always puts 3 sugar cubes in each cup of coffee.

(a) Work out the total number of sugar cubes he uses from Monday to Friday.

.... [1]

(b) Angelique's father has one box of sugar cubes.
There are 50 sugar cubes in the box.

Calculate the number of cups of coffee he can make.

.... cups [1]

                                                                 [Turn over

19 The table shows the masses of some items.

Item	Mass	
Television	8 kilograms and 250 grams	
Bench	8750 grams	
Chair	4820 grams	
Cupboard	9 kilograms and 50 grams	

Tick (✓) the box next to the heaviest item. [1]

20 Here is a triangle drawn on a dotty grid.
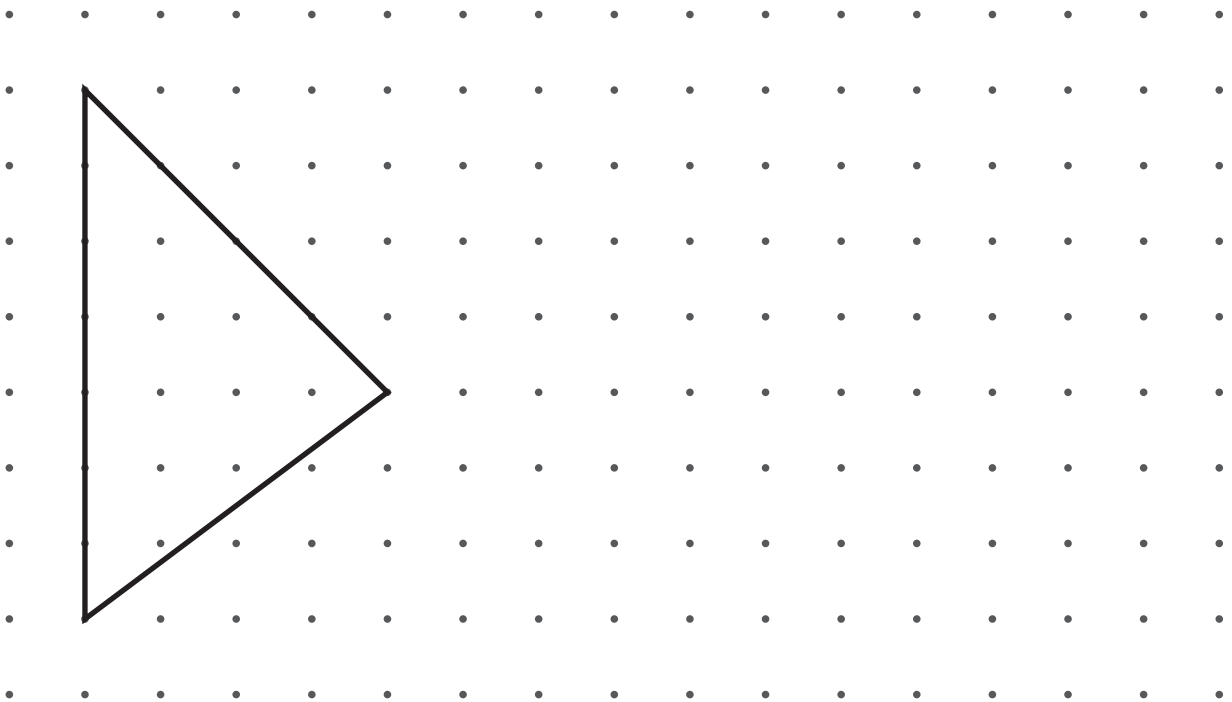
Draw an identical triangle in a **different** orientation on the dotty grid. [1]

21 Here is a picture of a toy train.
The train is made from five different types of 3D shapes.
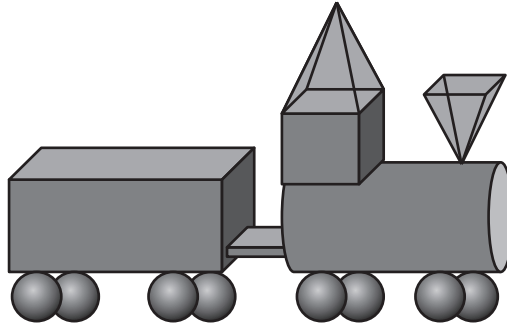
Complete the table to show the names of the 3D shapes and the number of each shape in the picture.
One has been done for you.

Name of 3D shape	Number
Cube	1

[2]

22 Ahmed has a litre jug completely filled with lemonade.
He pours half of the lemonade into glasses.
He then adds 250 millilitres of lemonade to the jug.

Write the volume of lemonade that is now in the jug.

.... millilitres [1]

23 Here are seven shapes.
Each shape is divided into equal parts.
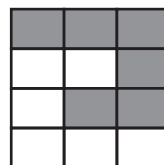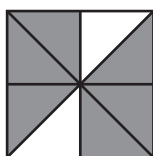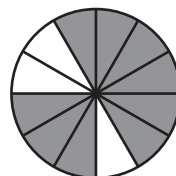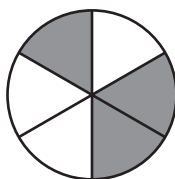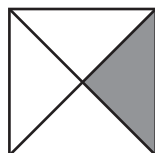
Draw lines to join the shapes that have the same fraction shaded. [2]