Cambridge Assessment International Education

Mathematics

Stage 5

First Semester

Cambridge Primary Progression Test

Name

Class

Date

45 minutes

Additional materials: Set square
Tracing paper (optional)

INSTRUCTIONS

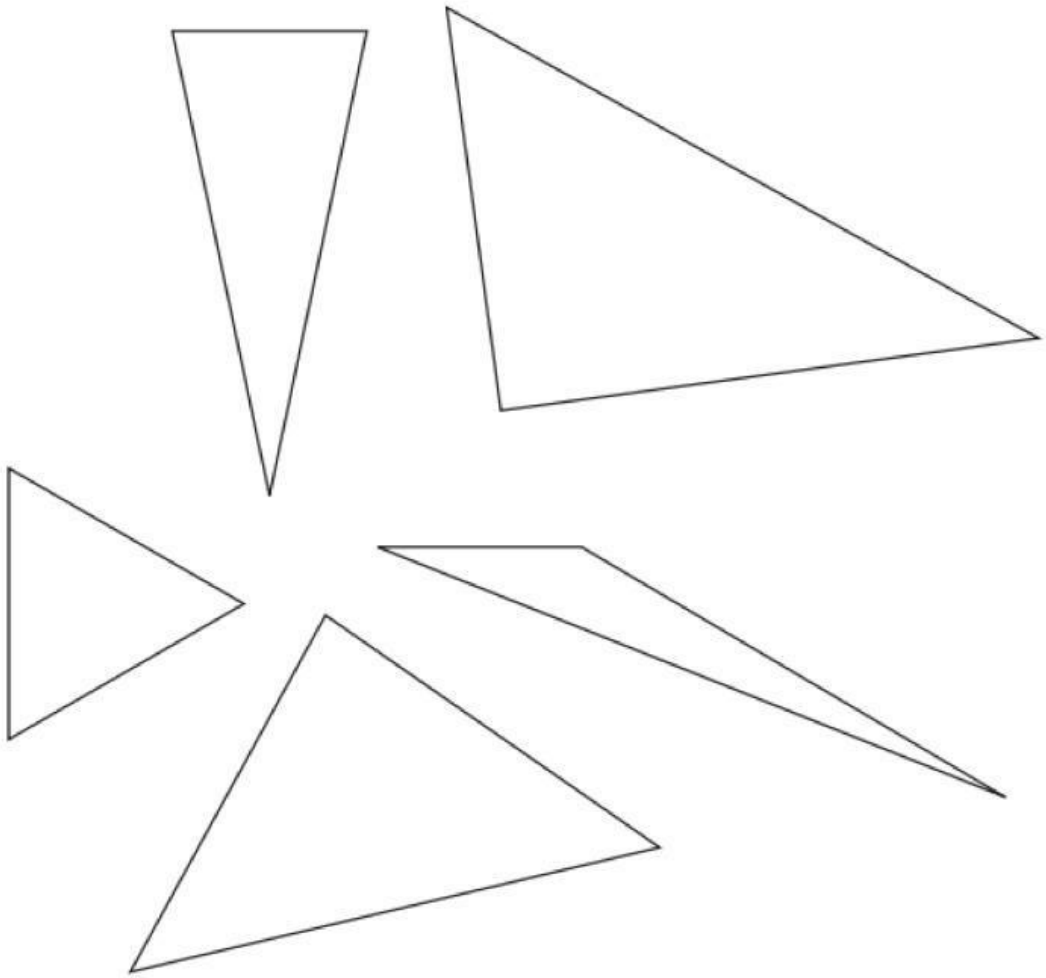
- Answer **all** questions.
- Write your answer to each question in the space provided.
- You should show all your working on the question paper.
- You are **not** allowed to use a calculator.

INFORMATION

- The total mark for this paper is **25**.
- The number of marks for each question or part question is shown in brackets [ ].

LIVEWORKSHEETS

1. Tick (✓) **all** the isosceles triangles.



[1]

2. Tick (✓) **all** the numbers that round to 5

4.3	4.5	4.7	4.9	5.1	5.3	5.5

[1]

3. Pierre has **five** number cards.

7				

The median of the numbers is 6

The mode of the numbers is 3

Write the missing numbers on the cards.

[1]

LIVEWORKSHEETS

4. Rabbits take part in a high jump competition.



Here are the results.

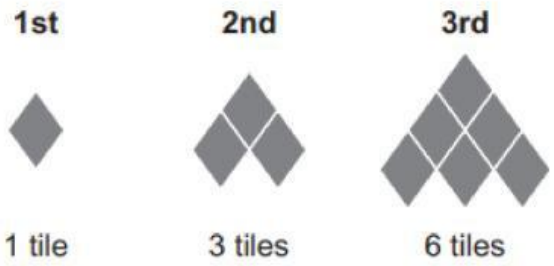
Name of rabbit	Height jumped (centimetres)
Clover	65
Buttercup	80
Carrot top	85
Hoppy	60
Bouncer	90
Pogo	85
Dandelion	75
Thumper	80
Eric	85

What is the mode of the heights jumped?

..... centimetres [1]

5. Safia builds shapes with tiles.

The number of tiles in each shape makes a number sequence.



(a) How many tiles does Safia **add** to the 3rd shape to make the 4th shape?

..... tiles [1]

(b) How many tiles are in the 7th shape?

..... tiles [1]

6. Write the number that is one hundred times greater than 42

..... [1]

LIVEWORKSHEETS

7. Complete the number statement.

$$36.43 = 36.4 + \square$$

[1]

8. Here is part of a sequence.

$\square$, 0, 25, 50, 75, 100, $\square$

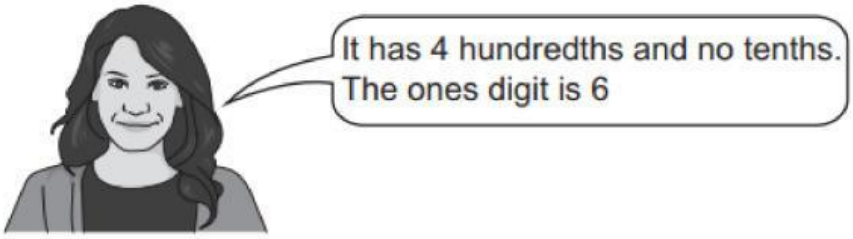
The sequence continues in the same way.

Write the missing numbers in the boxes. [1]

9. Write the number that is five-tenths more than 4.79

..... [1]

10. Samira is thinking of a number between −10 and 0



Write down Samira's number as a decimal.

..... [1]

11. Write a number in each box to make each sentence correct.

35.1 rounded to the nearest whole number is $\square$

58.$\square$ rounded to the nearest whole number is 59

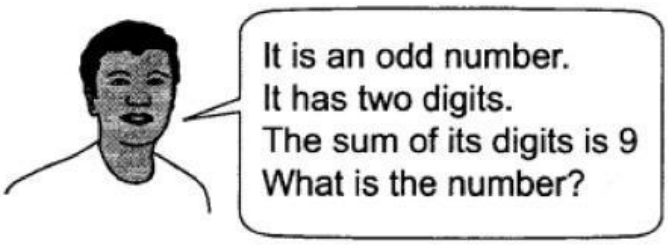
24.5 rounded to the nearest whole number is $\square$

0.$\square$ rounded to the nearest whole number is 0

[2]

LIVEWORKSHEETS

12. **(a)** Omar is thinking of a **square** number between 1 and 100



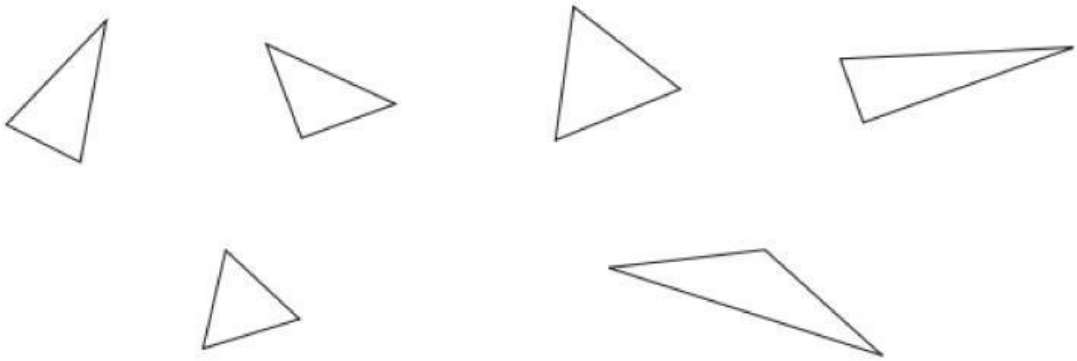
..... [1]

(b) Two square numbers total 89

What are the two numbers?

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

13. Tick (✓) the equilateral triangles.



[1]

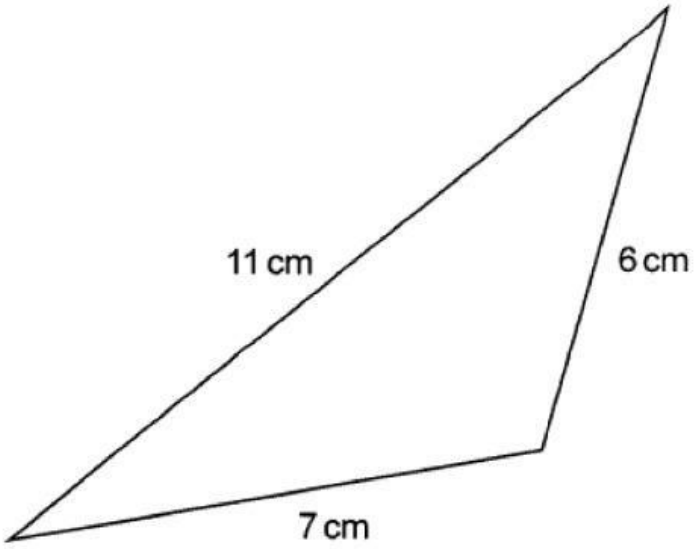
14. Draw a ring around **all** the numbers that are factors of 45

1 2 3 5 7 9 11 13 15 45

[2]

LIVEWORKSHEETS

15. Here is a triangle.



Draw a ring around the word which describes the triangle.

isosceles equilateral scalene [1]

Explain your answer.

.....

..... [1]

16. Match the operation with the symbol.

difference	+
product	−
share	×
sum	÷

[2]

LIVEWORKSHEETS

17. Put these numbers in order of size starting with the **largest**.

3.454 3.544 4.534 4.345

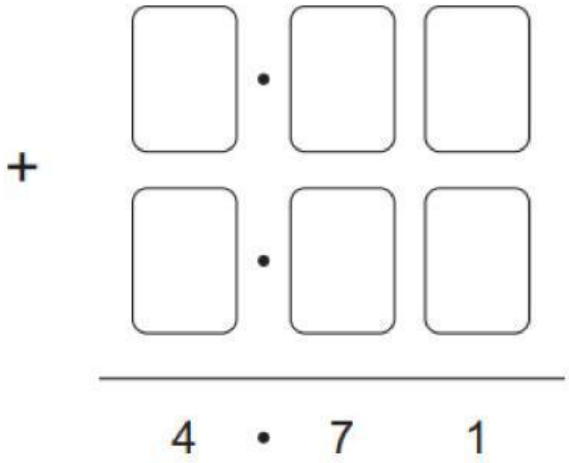
....

largest **smallest** [1]

18. Here are some number cards.



Use all six number cards **once** to make this calculation correct.



[1]

LIVEWORKSHEETS