Cambridge Assessment International Education

Mathematics

Stage 4

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 [ ].

1. Write a temperature that is **colder** than –6°C.

..... °C [1]

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2. Carlos counts back in steps of one thousand.
He starts at 3800

Write the next two numbers that Carlos counts.

.... [1]

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3. Use < or > to make these statements correct.

326 ☐ 408

1989 ☐ 1788

2035 ☐ 2042

[2]

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4. A school trip starts at 9.30 am on 4th June.
The school trip ends at 17:45 on 6th June.

Write the length of time the school trip lasts.

..... days ..... hours ..... minutes [1]

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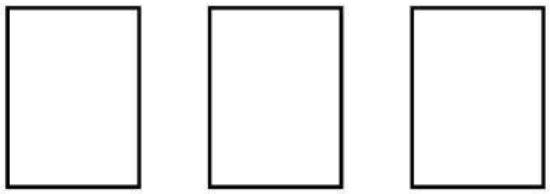
5. Eva has three digit cards.



She uses the cards to make a 3-digit number.

Eva says,

'I can **only** make odd numbers with my digit cards.'

Write a digit on each card to make Eva's statement correct. [1]

6. Draw a line to match each calculation to the correct answer.

	six thousand three hundred
63 × 10	six hundred and thirty
63 000 ÷ 10	six thousand and three
	six hundred and three

[1]

7. Draw a line from **each** statement to the correct likelihood.

Statement	**Likelihood**
	impossible
I am older than I was 12 months ago.	maybe
	likely
I will travel to the Sun and back today.	certain

[1]

8. Youssef goes to bed at 7.15 pm.

Write this time in digital notation using the 24-hour clock.

..... : ..... [1]

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

5 days is the same as ☐ hours.

5 minutes is the same as ☐ seconds.

5 years is the same as ☐ months.

5 hours is the same as ☐ minutes.

[2]

10. Tick (✓) to show if these statements give an odd or an even answer.
The first one has been done for you.

	Even answer	Odd answer
An odd number plus an odd number	✓	
An even number plus an odd number subtract an odd number		
An odd number subtract an odd number plus an even number		

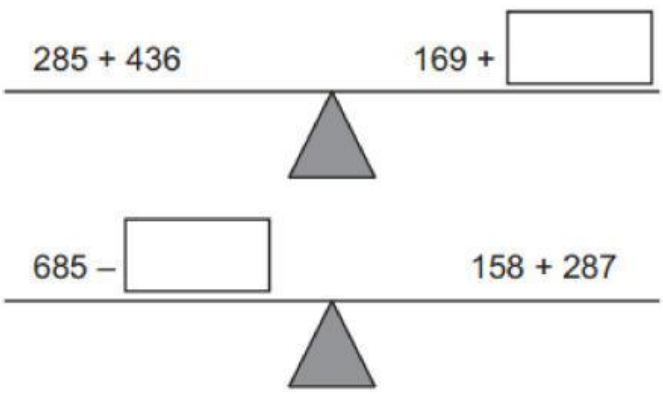
[1]

11. The term-to-term rule of a linear sequence is 'add 4 to the previous term'.
The 4th term of the sequence is 1

Write the 1st term of the sequence.

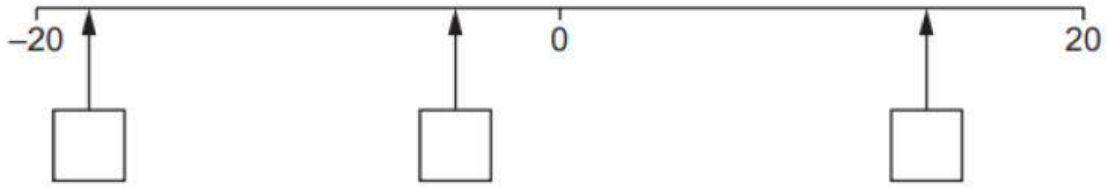
..... [1]

12. Write the correct number in each box to complete the balance scales.



[2]

13. Here is a number line.

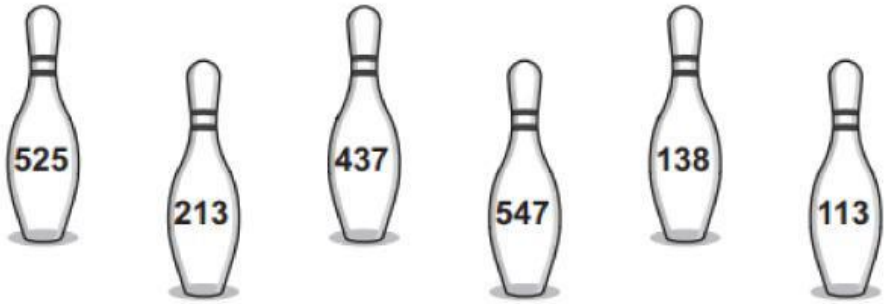


Here are three numbers.

−4 14 −18

Write these numbers in the correct boxes on the number line. [1]

14. Here are six skittles.



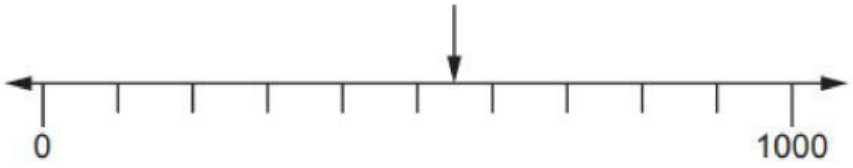
Draw a ring around each of the **three** skittles that give a total of 898 [1]

15. Complete this subtraction calculation.

		4	
–	7		7
	1	**2**	**8**

[1]

16. Write the number shown by the arrow.



..... [1]

17. Here is part of a sequence.

83 75 67 .....

The sequence continues in the same way.

(a) What is the next number in the sequence?

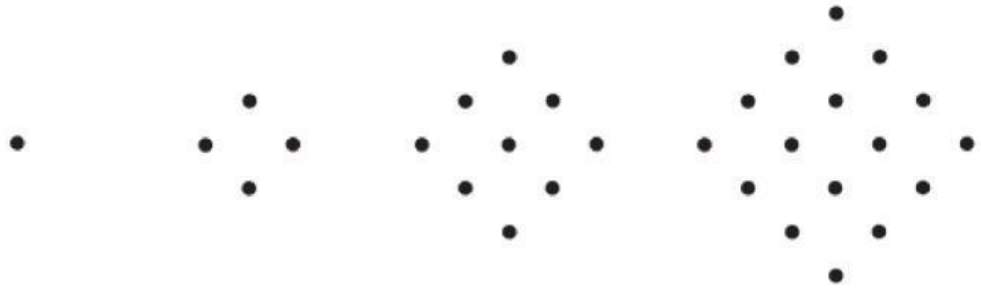
..... [1]

(b) Explain the rule for this sequence.

..... [1]

18. Here is a pattern made with dots.
The pattern continues in the same way.

Shape 1 Shape 2 Shape 3 Shape 4



Write down the number of dots in Shape 8

..... dots [1]

19. Here are four digit cards.

1	2	4	7

Use each of these cards once to make this calculation correct.

		1	–		8		= 234

[2]

20. Write the number **seven thousand, four hundred and two** in digits.

..... [1]