

DEPARTMENT FOR CURRICULUM,
LIFELONG LEARNING AND EMPLOYABILITY
Directorate for Learning and Assessment Programmes
Educational Assessment Unit

Sample Paper

Year 5

MATHEMATICS

Written

Name: _____

Class: _____

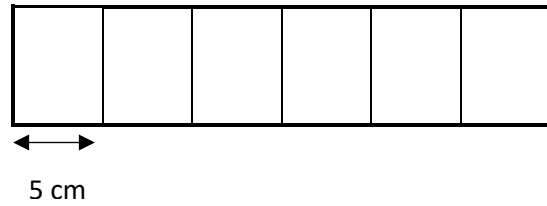
1. Section A

a)	i) $19 + 10 =$ <input type="text"/>	ii) $2703 + 307 =$ <input type="text"/>
b)	i) $87 - 14 =$ <input type="text"/>	ii) $8932 - 713 =$ <input type="text"/>
c)	i) $9 \times 4 =$ <input type="text"/>	ii) $3 \cdot 4 \times 10 =$ <input type="text"/>
d)	i) $24 \div 6 =$ <input type="text"/>	ii) $65 \div$ <input type="text"/> $= 9 \text{ r } 2$
e)	i) $6 \cdot 5 +$ <input type="text"/> $= 10$	ii) $180 \div 9 =$ <input type="text"/> $\times 4$

(5 x 2 marks = 10 marks)

Section B

3. This is a piece of wood.
Each part is 5 cm long.



- a) How long is the piece of wood?

cm

- b) Peter uses 10 cm of the wood.

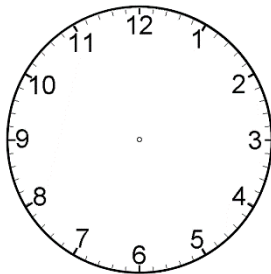
- i) Shade this amount in the diagram above.

- ii) What fraction does he use?

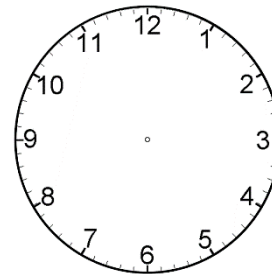
$$\frac{\square}{\square}$$

(4 marks)

4. a) Draw the hands of the clock.



- i) 2 o'clock



- ii) 7:30

- b) Write the time in words and digital.



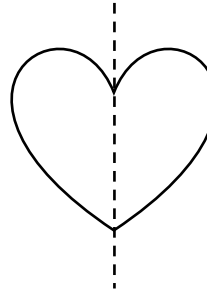
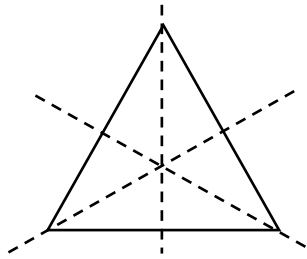
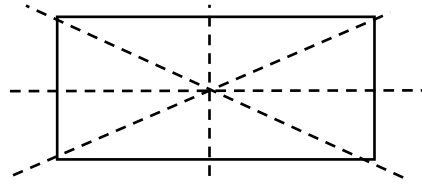
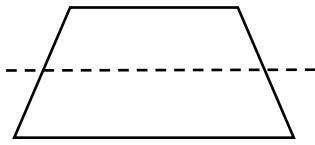
- i) _____

- ii)

:

(4 marks)

5. Tick the two shapes with the correct lines of symmetry.



(4 marks)

6) Tick (✓) the equations which are correct.

i) $250 \text{ ml} = \frac{1}{2} \text{ l}$

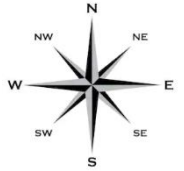
ii) $1.6 \text{ cm} = 160 \text{ mm}$

iii) $1000 \text{ g} = 1 \text{ kg}$

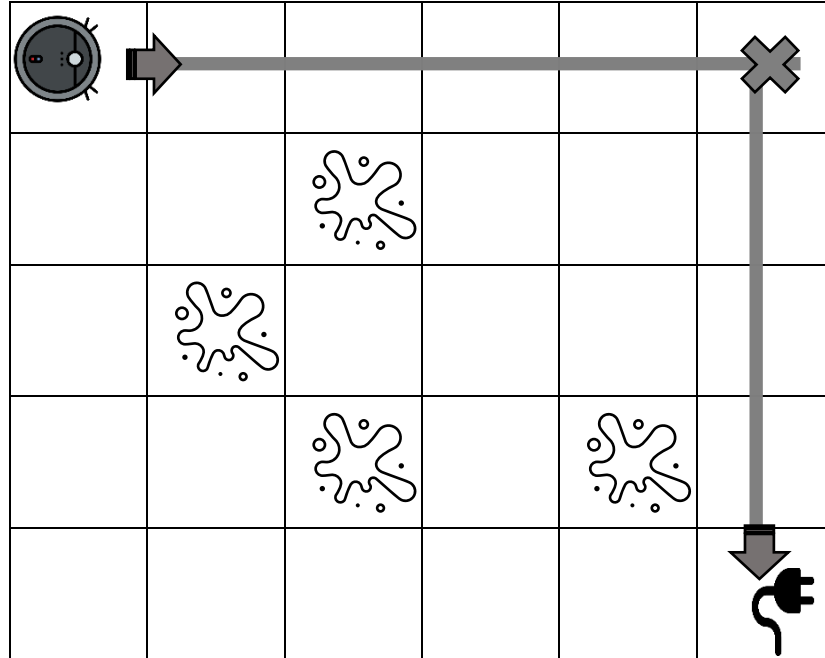
iv) $\frac{3}{4}$ of $800 = 400$

(4 marks)

7. The RoBot moves **forward, backwards, turns clockwise and anticlockwise**.
It moves along the grey line to the **charging station**.



Start



- a) i) What **compass direction** is the **charging station** from the **RoBot**?

- ii) Count the number of tiles the RoBot moves from **Start** to the **Charging Station**.

tiles

- b) The RoBot is at the Charging Station **facing West**.

It moves:

1 forward - turn 90° clockwise.

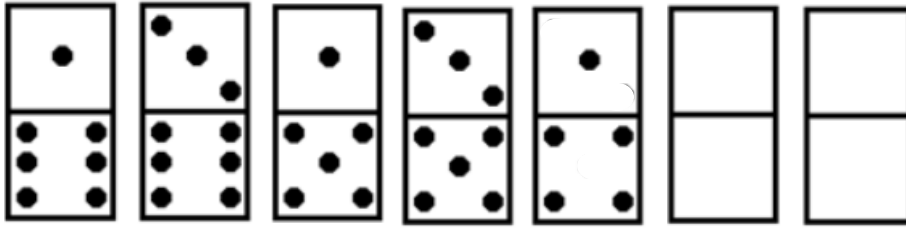
1 forward - turn 90° anticlockwise.

4 forward - turn 90° clockwise - 3 forward.

- i) **Cross out (x)** the puddles  the Robot cleans up.

(4 marks)

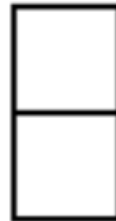
8) a Draw the next two dominoes to continue this pattern.



ii) How many dots are there altogether?

dots

b) Draw the tile used in the 12th position.



(4 marks)

9. Today is 22nd June 2024.

June 2024						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

a) i) Circle today's date.

ii) Carl's birthday is on the 30th of May.

What day of the week is his birthday this year?

b) Dad bakes a cake on Carl's birthday.

Look at the ingredients and 'expiry' dates.

Carl's dad cannot use the ingredients after the 'expiry' date.

Cross out the ingredients Carl's dad cannot use.



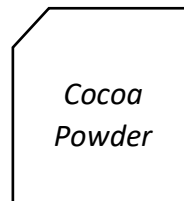
Expiry:

April 2023



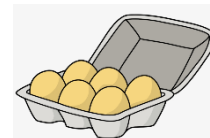
Expiry:

30-12-2024



Expiry:

August 2027



Expiry:

15/05/24

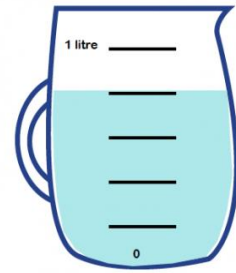
(6 mark)

10. a) Maria has a jug which has a capacity of 1 Litre.

The jug is **not** full.

i) How much water is in the jug?

ml



jug

ii) How much more water is needed to fill the jug?

ml

b) Tom has another water bottle.

It holds 825 ml.

He compares his bottle with 3 friends.

- Ann's bottle holds 100 ml less than Tom's.
- Lee's bottle holds 550 ml.
- Mary's bottle and Lee's bottle together hold 1.3 l

i) Write the name of the children under the correct bottle



825ml



750 ml



725 ml

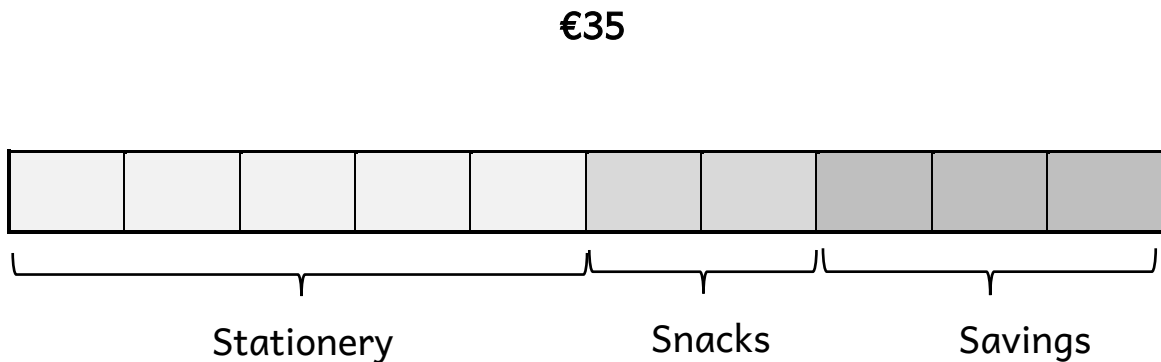


550 ml

(6 marks)

11. Lara earns a total of €35 a week.

This diagram show how she spends his money.



a) **Where** does she spend **most** of her money?

Tick (✓) the correct answer.

Stationery

Snacks

Savings

b) **How much** money does she spend in stationery in a week

€

c) Mario saves €5.75 in a week.

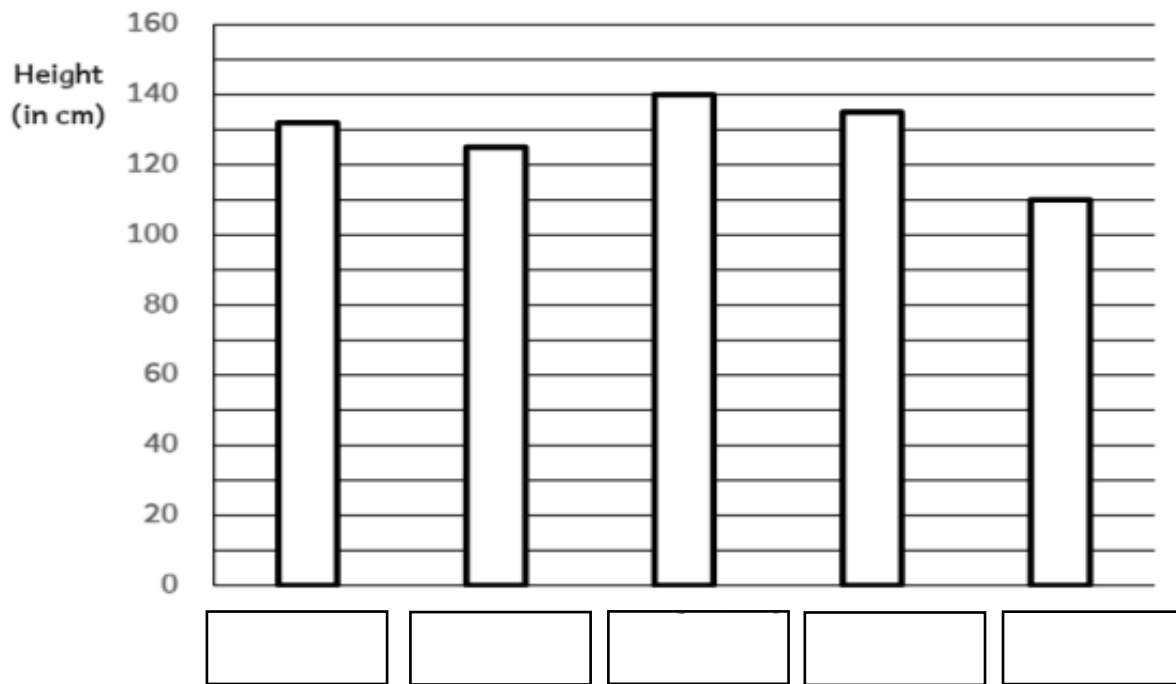
He wants to **save €30** for a present.

How many weeks to save this amount?

Show your working here.

(6marks)

12. This bar chart show the height of a group of 5 children.



Note: The names of the children are missing.

a) Fill in **two names**.

i) **Sue** is the tallest.

ii) **Ron** is the shortest.

b) How many children are shorter than 1 metre?

c) What is the **difference** in height between Sue and Ron?

Give your answer in metres.

Show your working here.

(6 marks)

13. **Jack, Sofia and Luke** are friends. They each have a garden.

The area of **each garden** is **36 m²**.

Each garden has a **different perimeter**.

The **length** of Jack's rectangular garden is **9 m**.

The **perimeter** of Sofia's rectangular garden is **30 m**.

The **length** of Sofia's garden is **four times its breadth**.

The **length and breadth** of Luke's garden are **equal**.

a) **Sketch and label** the gardens with the information above.

b) **Work out the length and breadth** of each garden.

i) Jack's garden

length _____

breadth _____

ii) Sofia's garden

length _____

breadth _____

iii) Luke's garden

length _____

breadth _____

(6 marks)

15. a) This is a sequence:

42, 43, **44**, 45, 46

i) Write **a different sequence** that has this number as its middle number.

		44		
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ii) **Write or draw to describe** the sequence.

b) Tom write a new sequence.

10, 19, 28, 37, 46, 55, 64.

Does the **number 100 occur** in the sequence?

Tick (✓) the correct answer?

YES	<input type="checkbox"/>
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NO	<input type="checkbox"/>
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Explain or show the reason why.

(6 marks)
