

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

Annual Examinations for Primary Schools 2022

YEAR 4

MATHEMATICS

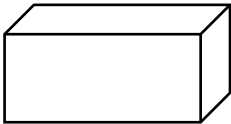
TIME: 1h 15mins

Name: _____

Class: _____

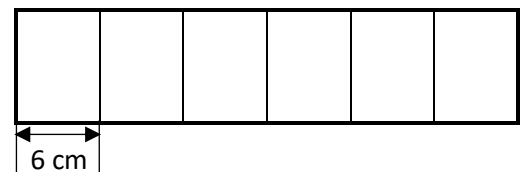
1. Work Out

a)	$60 + 19 =$ <input type="text"/>
b)	$100 - 40 = 50 +$ <input type="text"/>
c)	Circle the odd one out . $\frac{5}{10}$ $\frac{3}{4}$ $\frac{1}{2}$ $\frac{3}{6}$
d)	How far can you throw a beanbag? Underline the best estimate . i) 300 cm ii) 300 m iii) 300 km 
e)	Write this amount in figures. Five thousand and nineteen euro € <input type="text"/>
f)	$3 \times 200 =$ <input type="text"/>
g)	The time is 7:00 am. How many more minutes to 8 o'clock in the morning? <input type="text"/> minutes

h)	<div> i) $15 \div \square = 3$ </div> <div> ii) $\square \div 6 = 1 \text{ r } 4$ </div>
i)	<p>Look at this sequence.</p> <p>1126, 1101, 1076, 1051, 1026, 1001</p> <p>Underline the correct answers.</p> <ul style="list-style-type: none"> I am counting (forward, backwards). The difference between the numbers is (10, 25, 30) each time.
j)	<p>Write the name of this 3D shape.</p> <p>_____</p> 

(10 x 2 marks = 20 marks)

2. The diagram shows a piece of wood.
It is cut into **six equal parts**.
Each part is 6 cm long.



- a) **How long** is the piece of wood?

cm

- b) Peter uses **18 cm** of the wood.
What fraction does he use?

(4 marks)

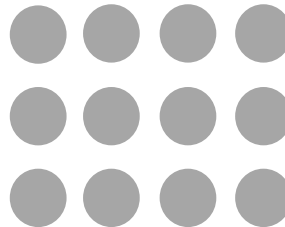
3. a) Write two **multiples of 8**.

b) Work out.

$4 \times 3 =$

$12 \div 4 =$

$12 \div 3 =$



(4 marks)

4. a) Use the cards below to make the:

3	1	4	2
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i) **largest possible 3-digit number** _____

ii) **smallest possible 3-digit number** _____

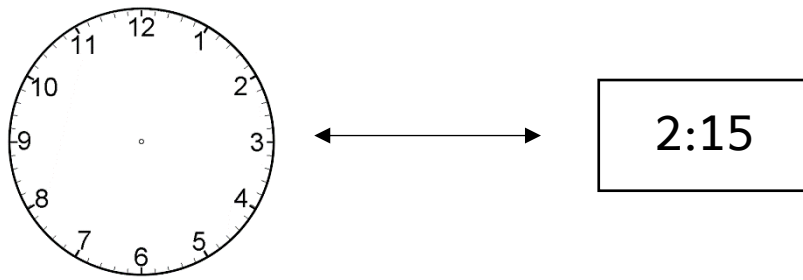
b) Find the **difference** between **134** and **342**.

Give your answer to the **nearest 10**.

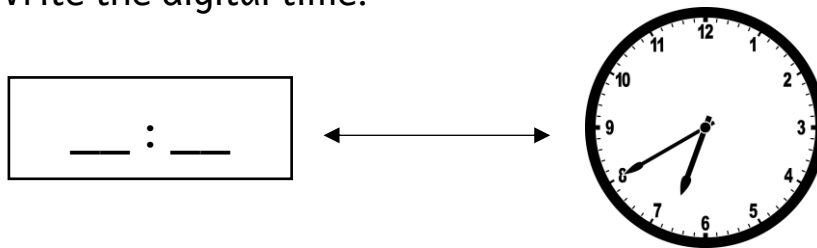
Show your
working here.

(4 marks)

5. a) Draw the hands of the clock.

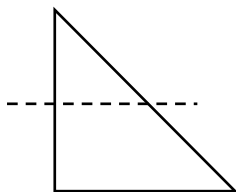
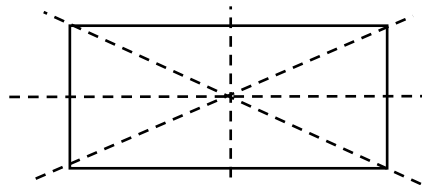
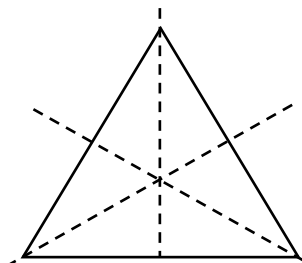
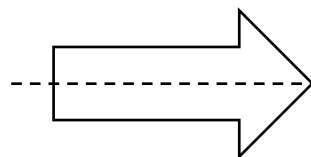


- b) Write the digital time.



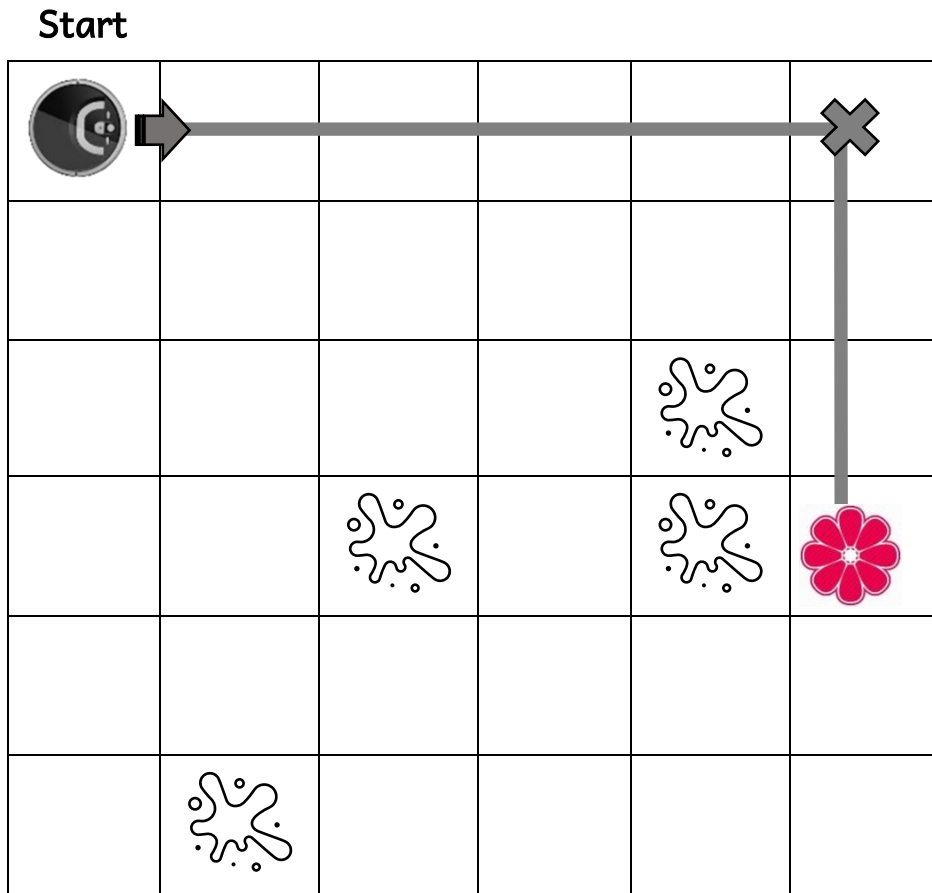
(4 marks)

6. Tick the two shapes with the **correct** lines of symmetry.

☐☐☐☐

(4 marks)

7. The RoBot moves **forward**, **backwards**, turns right, and turns left.
It moves along the grey line to the flower.



- a) i. How many tiles does the RoBot move from the **Start** to the flower .

 tiles

- ii. Underline the correct answer.

The RoBot turns (left , right) at the cross.

- b) Tom is at .

He takes the RoBot to **Start**.

Use a ruler to draw a **different path**.

Do not pass through puddles.

(4 marks)

8. Today is 22nd June 2022.

a) Carl's birthday is on the 6th July 2022.

i. Circle Carl's birthday on the calendar below.

July 2022						
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
31						

ii. How many more days are there until Carl's birthday from today?

days

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.

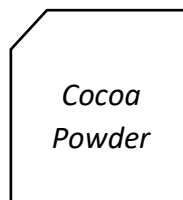
Cross out the ingredients Carl's dad cannot use.



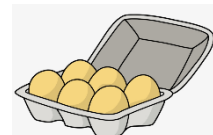
Expiry
April 2023



Expiry
30-06-2022



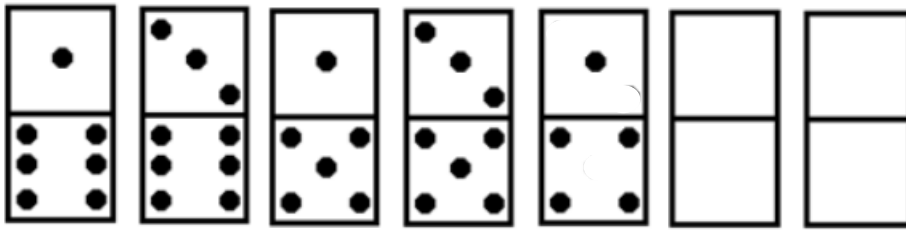
Expiry
August 2020



Expiry
15/08/22

(6 marks)

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



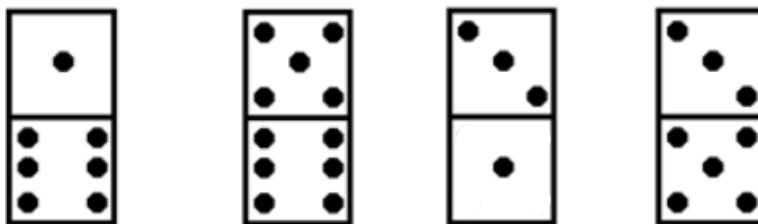
- b) How many dots are there altogether on the seven dominoes?

 dots

- c) Sam continues this pattern.

In the 12th position Sam uses one of the tiles below.

Circle the correct tile.



(6 marks)

10. a) Maria has a water bottle which has a capacity of 0.8ℓ .



water bottle

i. How much water does Maria's water bottle hold?

 ml

ii. Maria fills the water bottle until it is full, **twice** in a day.
She drinks it all.

How much water does Maria drink every day?

 ℓ

b) Tom has another water bottle.

It holds **825 ml** .

He compares his bottle with 3 friends.

- Lara's bottle holds **100 ml** less than Tom's.
- Clint's bottle holds **550 ml** .
- Pete's bottle and Clint's bottle together hold **1.3ℓ** .

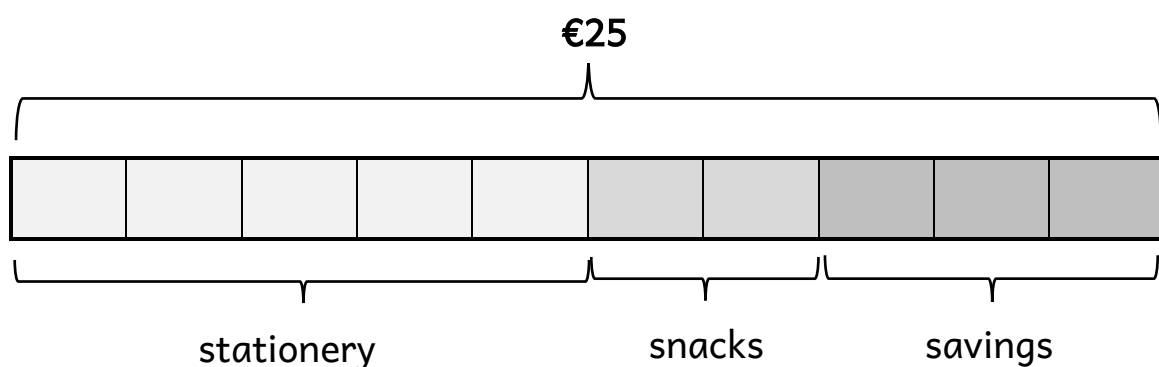
Put the bottles in order starting from the one which holds the least.

A	B	C	D
Clint 550 ml			Tom 825 ml

(6 marks)

11. Mario earns a total of **€25 a week**.

This diagram shows how **Mario** spends his money and **saves the rest**.



- a) On **what** does Mario use **most** of his money?

Tick (✓) the correct answer.

stationery ☐

snacks ☐

savings ☐

- b) **How much** money does Mario spend on stationery in one week?

Show your working here.

€

- c) Mario saves **€7·50 in one week**.

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

How many weeks does Mario need to save **€30**?

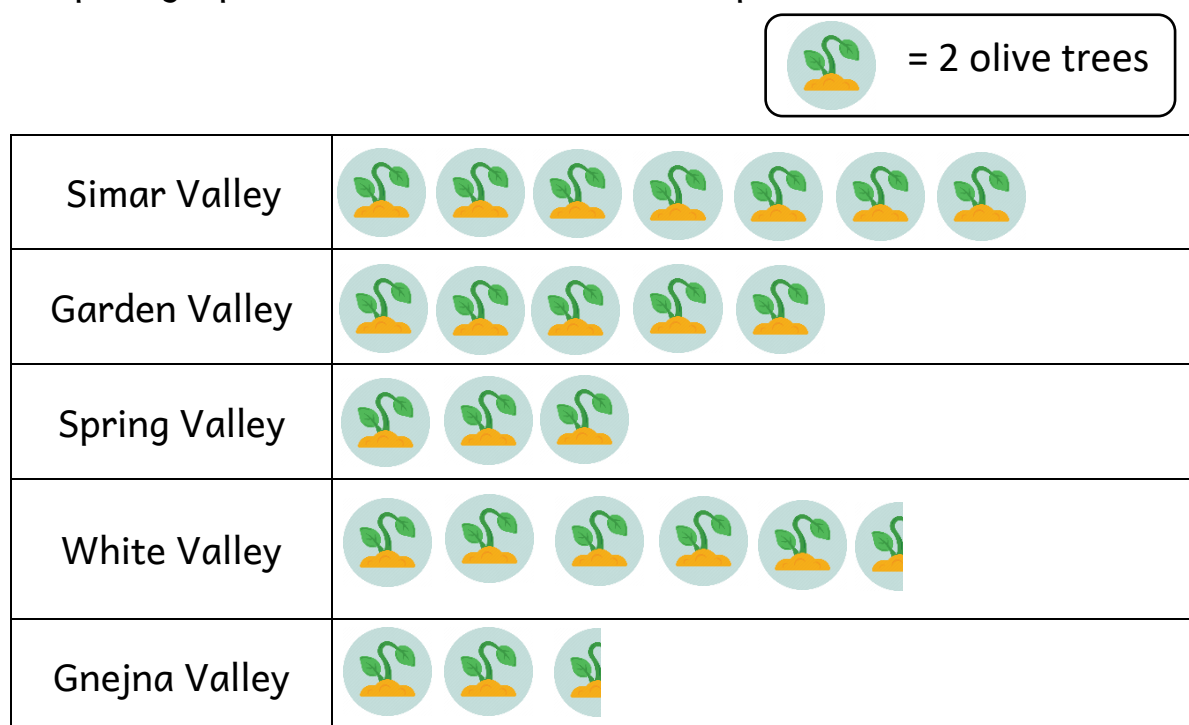
Show your working here.

weeks

(6marks)

12. Some children plant trees on World Tree Day.

This pictograph shows where the trees are planted.



a) How many olive trees are planted in **White Valley**?

olive trees

b) There are **5 more olive trees** in **Garden Valley** than in _____.

c) The children want to plant **150 olive trees**.

How many more olive trees do the children need to plant?

Show your working here.

olive trees

(6 marks)

13. Sam makes 2D shapes with toothpicks.
Sam **does not cut** any of the toothpicks.



- a) What is the **least number of** toothpicks needed to make **a triangle**?

toothpicks

- b) i. What is the **least number of toothpicks** needed to make **a rectangle**?

toothpicks

- ii. Explain your answer.

- c) Sam makes **a square** with 8 toothpicks.
What is the **length of one side of the square**?

Show your
working here.

(6 marks)

END OF EXAMINATION

Marks' Scheme	Nos.	1 a-j	10 x 2	=	20
		2 – 7	6 x 4	=	24
		8 – 13	6 x 6	=	36
				TOTAL	<u>80</u>