

DEPARTMENT FOR CURRICULUM,
LIFELONG LEARNING AND EMPLOYABILITY
Educational Assessment Unit

Annual Examinations for Primary Schools 2024

YEAR 5

MATHEMATICS

TIME: 1 hour 15 min

Name: _____ Class: _____

SECTION A

1. Work Out

a)	i) $24 + 5 =$	ii) $412 + 100 =$
b)	i) $38 - 8 =$	ii) $134 - 129 =$
c)	i) $5 \times 10 =$	ii) $221 \times 3 =$
d)	i) $46 \div 5 =$	ii) $\div 8 = 11$
e)	i) $10 +$ $= 15 + 5$	ii) $\times 4 = 404$

(5 x 2 marks = 10 marks)

2. Complete

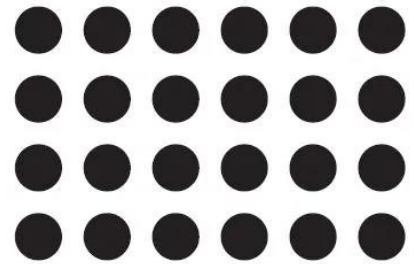
a)	Fill in the next two numbers. 19, 38, 57, ____, ____.					
b)	Draw an arrow ($\uparrow$) on the numberline below to show position of the number 4.					
c)	Write these numbers in ascending order. 425, 501, 452, 245, 300. <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20%; height: 40px;"></td> <td style="width: 20%; height: 40px;"></td> <td style="width: 20%; height: 40px;"></td> <td style="width: 20%; height: 40px;"></td> <td style="width: 20%; height: 40px;"></td> </tr> </table>					
d)	Shade $\frac{1}{2}$ of Bar 1. Shade $\frac{1}{4}$ of Bar 2. Bar 1 Bar 2					
e)	Circle two numbers that, when rounded to the nearest hundred, result in 400. 324 409 399 499					

(5 × 2 marks = 10 marks)

SECTION B

3. Peter has **24 caps**.

He places them in **rows** and **columns** to make an array.



- a) Draw a different **array** using the **same** number of caps.

- b) Write a **multiplication fact** to match your array.

$$\square \times \square = \square$$

(4 marks)

4. Look at the diagram.

Then **fill** in with the correct number.

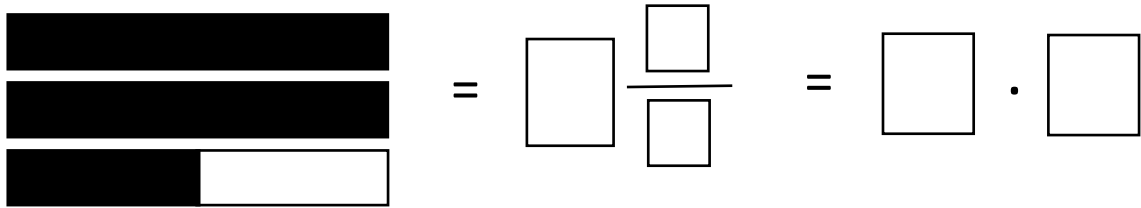
There are:

- a) _____ **rectangles** in total.
b) _____ **horizontal** lines.
c) _____ **right angles**.



(4 marks)

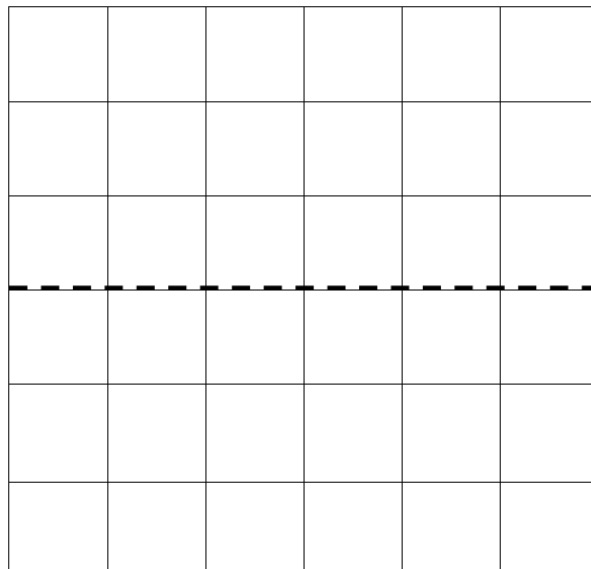
5. Write a mixed number and a decimal number to show the shaded parts.



(4 marks)

6. Look at the grid below.
It has 6 squares in each row and 6 squares in each column.
It also has a horizontal line of symmetry.

Shade $\frac{1}{3}$ of the grid to make a symmetrical pattern.



(4 marks)

7. Work out the following:

a) $22 \times 10 =$

b) $1.5 \times 100 =$

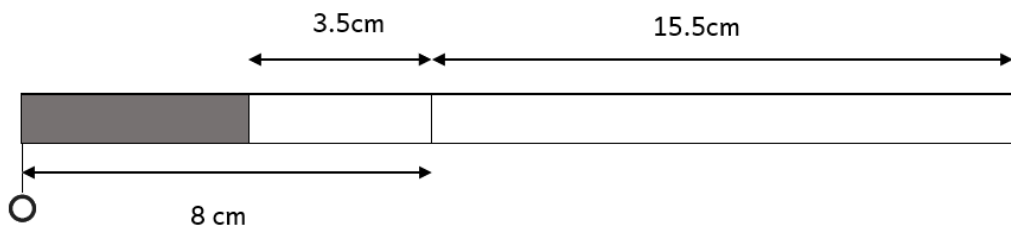
c) Use the place value mat below to work 30.5×10 .

$30.5 \times 10 \rightarrow$

H	T	U	•	t
	3	0	•	5

(4 marks)

8. Look at this diagram.



a) Calculate the shaded part of the bar.

 cm

b) Calculate the full length of the bar.

 cm

Show your
working here.

(4 marks)



9. Tania works at a supermarket.
She draws this table of the coins in the cash register.

Coin	€2	€1	50c	20c	10c	5c	2c	1c
Number of coins	19	17	18	46		51	36	94
Total Value	€38	€17	€9	€9.20	€8.70	€2.55		94c

- a) Fill in the missing amounts in the table above.

Show your working here.

- b) Estimate the total amount of money in the cash register.

Show your working here.

€

(6 marks)

10. Four teams join a Maths Competition.

The **maximum points** a team can achieve is **100**.

- **Team A and Team C get 70 points altogether.**
- **Team B gets 30 points more than Team A.**
- **Team C loses the contest with 20 points.**
- **Team D wins the contest with only 10 points less than the maximum points possible.**

a) Fill in the table.

Teams	Team A	Team B	Team C	Team D
Points			20	

b) **Complete** the bar graph.

Note: Use pencil and ruler

Maths Competition Scores

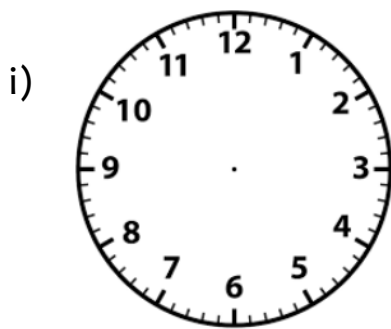


(6 marks)

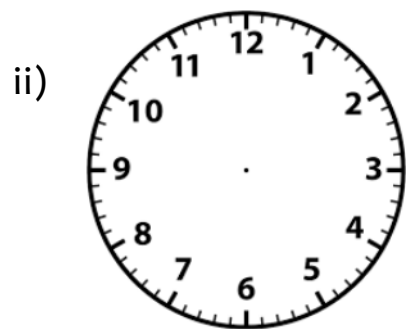
11. These are the opening hours of John's Bakery.

Days	Opens	Closes
Monday to Friday	7.30 am	6.00 pm
Saturday	7.30 am	3.30 pm
Sunday	8.00 am	1.30 pm

a) Draw the hands on each clock to show the time.



The time the bakery **opens**
on a Wednesday.



The time the bakery **closes**
on a Wednesday.

b) For **how long** is the bakery open on a **Sunday**?

Show your working here.

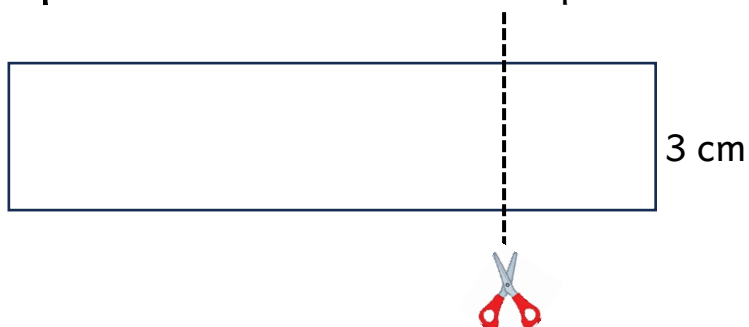
hours

c) What **fraction** of the **day** is John at the bakery on Saturday?

Show your working here.

(6 marks)

12. A square of perimeter 12 cm is cut from a piece of ribbon.



a) Calculate the **area** of the **square** cut from the ribbon.

Show your working here.

cm^2

b) The perimeter of the left-over ribbon is **three times bigger** than that of the square.
Calculate the **length and width** of the left-over ribbon in cm.

Length = cm

Width = cm

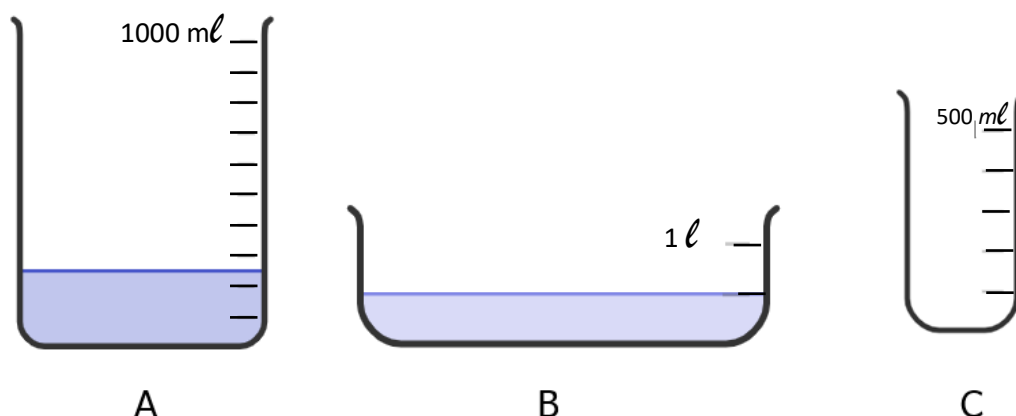
c) Calculate the **area** of the **whole** ribbon **before** it was cut.

Show your working here.

cm^2

(6 marks)

13. Tom has 3 containers.



a) How much water is in Container A and Container B?

i) A = ml

ii) B = ml

b) Container C holds 400 ml of water.

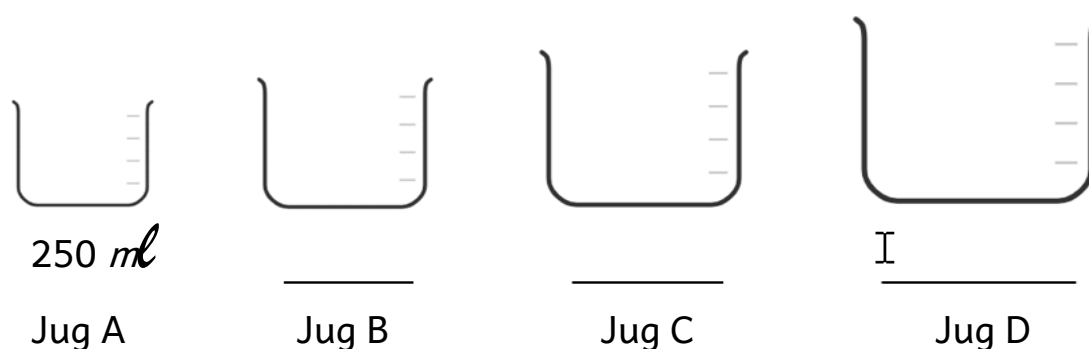
Shade Container C to show the amount of water it holds.

c) Below are 4 jugs.

The first jug (Jug A) holds 250 ml.

Each next jug holds double the capacity.

Label the maximum amount of water each jug holds.



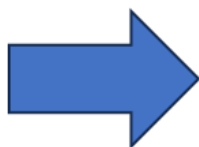
(6 marks)

14. Lara has some paper arrows.

She puts the arrows in a pattern.



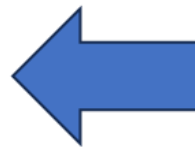
1st



2nd



3rd



4th

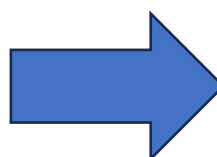
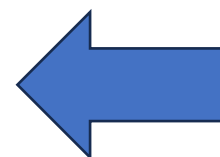


5th

a) Describe the pattern.

b) Which arrow comes in the 6th position?

Tick (✓) the correct answer.

☐☐☐☐

c) Lara has 30 arrows in all.

In which position is the **last** arrow?

Draw the arrow.

(6 marks)

THE END

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