

DEPARTMENT FOR CURRICULUM,
LIFELONG LEARNING AND EMPLOYABILITY
Educational Assessment Unit

Annual Examinations for Primary Schools 2024

YEAR 4

MATHEMATICS

TIME: 1h 15min

Name: _____

Class: _____

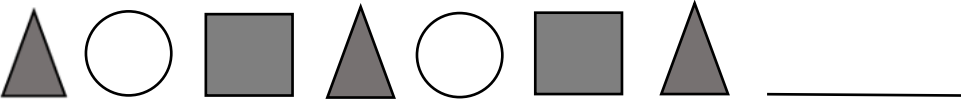
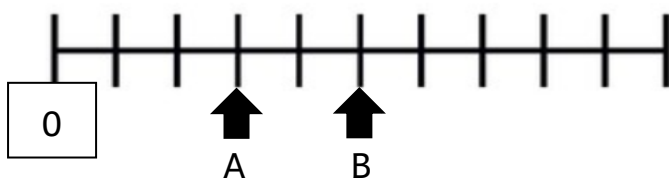
Section A

1. Work Out

a)	i) $5 + 5 =$	ii) $24 + 10 =$
b)	i) $10 -$ $= 3$	ii) $62 - 54 =$
c)	i) $7 \times 4 =$	ii) $\times 8 = 48$
d)	i) $12 \div 4 =$	ii) $9 \times 2 = 18$ $\div 2 = 9$
e)	i) $100 -$ $= 60$	ii) $6 + 6 + 6 =$ $\times 3$

(5 x 2 marks = 10 marks)

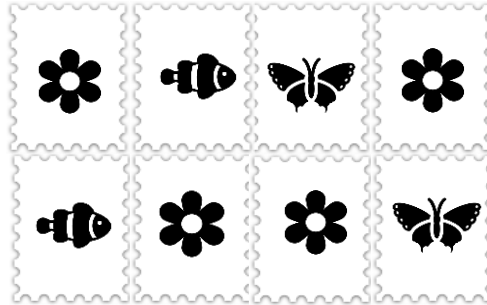
2. Complete

a)	i) Continue this number sequence. 5, 7, 9, ii) Draw the next shape to continue the pattern. 
b)	Fill in using <, > or = i)  12c ii) $70 + 4$ 47
c)	Round to the nearest 10. i) $35 \rightarrow$ ii) $9 \rightarrow$
d)	The arrows are pointing to 2 numbers. The difference between the numbers is 20.  What numbers are the arrows pointing to? A = B =
e)	Neil makes a 4-digit number with these number cards. 1 3 6 9 Neil's number is greater than 2000. The hundreds digit is greater than 5. The number is even. What is Neil's number?

(5 x 2 marks = 10 marks)

Section B

3. Joanne buys some stamps.



- a) How many stamps does she have?

stamps

- b) Joanne counts the **total** number of stamps using **multiplication**.

Complete her working by filling in the missing numbers:

$$\boxed{} \times \boxed{} = \boxed{}$$

- c) Tick (✓) the correct answer:

Half of the stamps have picture of a:

☐ flower 

☐ fish 

☐ butterfly 

- d) $\frac{2}{8}$ of the stamps are **fish** stamps.

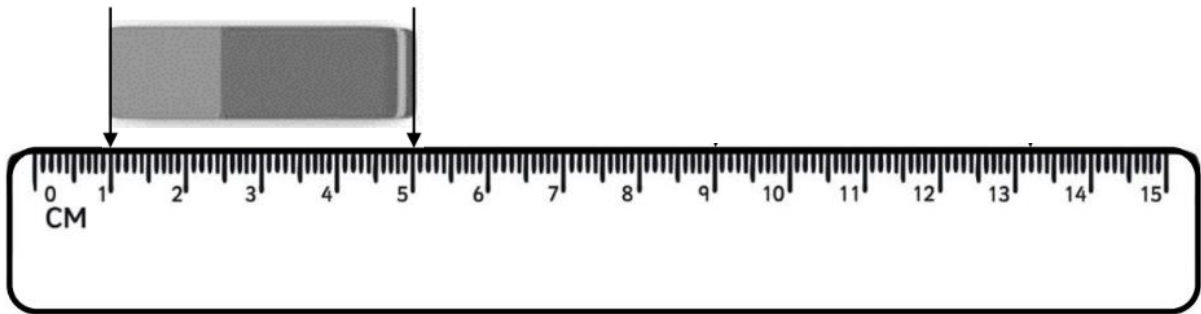
Write a fraction **equivalent** to $\frac{2}{8}$.

$$\frac{\boxed{}}{\boxed{}}$$

(4 marks)

4a) Use the ruler diagram below to work out the **length** of the rubber.

Note: Do not measure using your ruler.



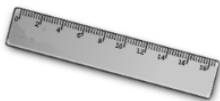
The rubber is cm long.

b) The **length** of a pen is **14 cm** long.

Use a **ruler** to **draw** a line that is **14 cm** long.

c) Carla needs to **measure** the length of her **room**.

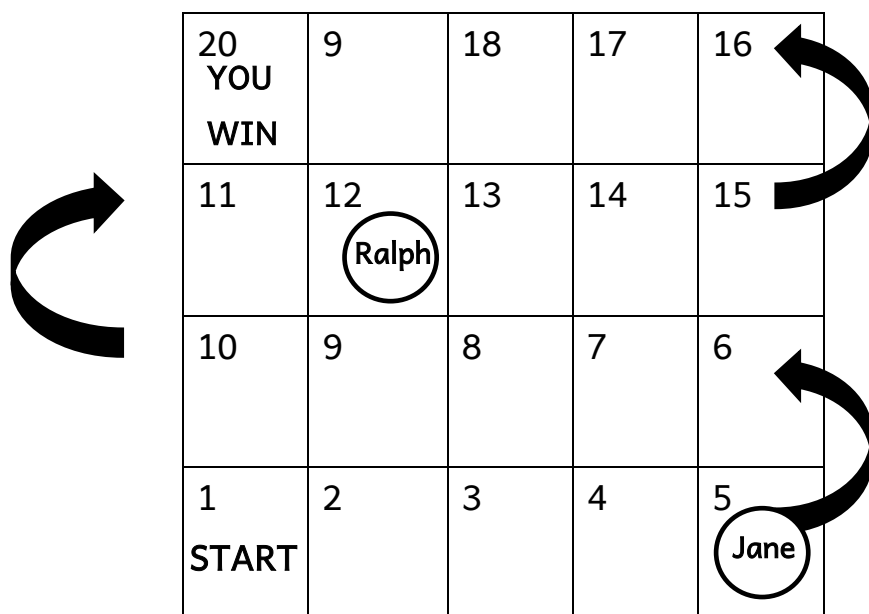
Tick (✓) the best **measuring tool** to measure the length of a room from the ones below.

☐☐☐☐

(4 marks)

5. Jane and Ralph are playing a game.

They move their counters along the numbered boxes.



Fill in with a number:

a) Number 7 is **above** the number .

b) **Ralph** is on number 12. He moves squares and **stops** on number 15.

c) Fill in with any of these words:

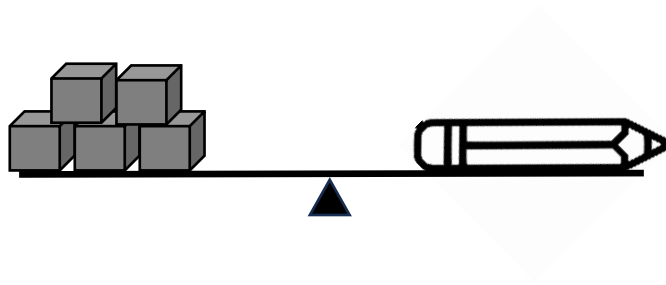
up down left right

Jane is on number 5. She moves 1 square **up**, 4 squares ,

1 square **up**, and 4 squares to arrive on box number 15.

(4 marks)

6. Look at the diagram below.



a) **Underline** the correct answer.

i) The **mass** of **5 cubes** is (more, less, equal to) the **mass** of **1 pencil**.

ii) **Twelve cubes** are (heavier, lighter) than **3 pencils**.

b) Fill in.

i) The **mass** of **cubes** is **equal** to the **mass** of **5 pencils**.

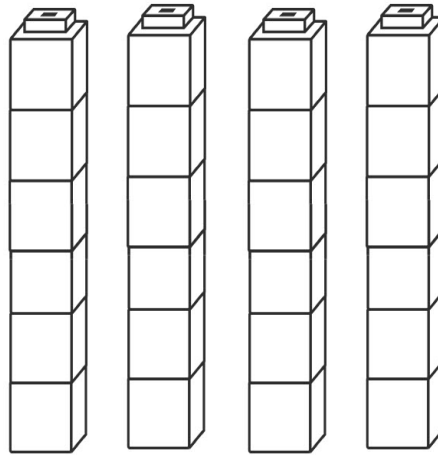
ii) The **mass** of **15 cubes and 1 pencil** is **equal** to the **mass** of **pencils**.

(4 marks)

7. Martin has **24** blocks.

a) $\frac{1}{4}$ of his blocks are **grey**.

i. Shade the **grey** blocks.



ii. How many **grey** blocks are there?

grey blocks

b) Martin makes **3 equal towers** using all his blocks.

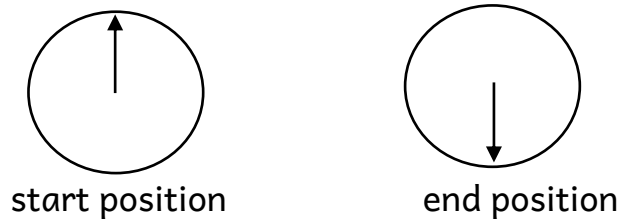
How many blocks are there in **each** tower?

Show your
working here.

blocks

(4 marks)

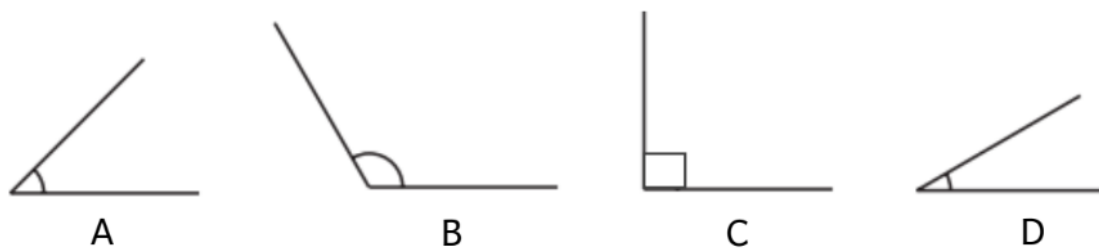
8a) Look at the **start position** and **end position** of a spinner.



Underline the correct answer.

The arrow **turns** (a whole, a half, a quarter) of a **turn**.

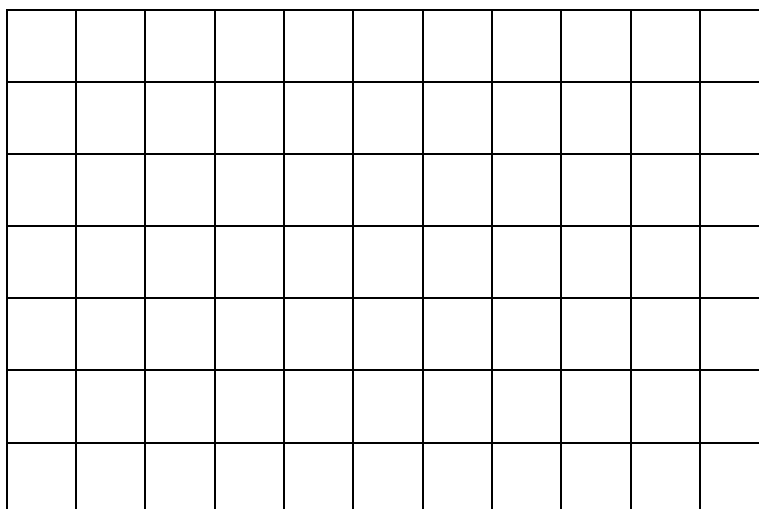
b) Look at the angles below.



Tick (✓) the **two** angles which are **smaller** than a **right angle**.

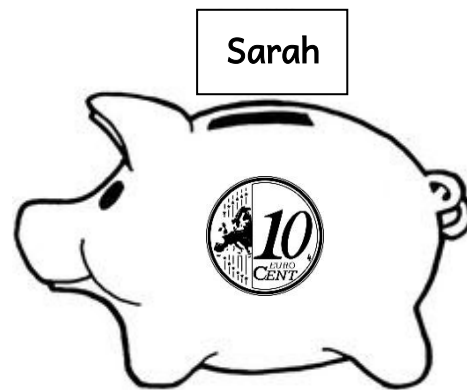
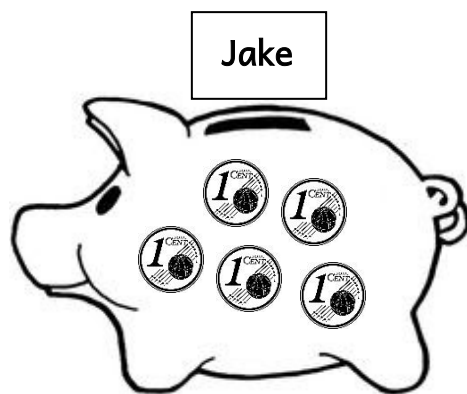
- i) A ☐ ii) B ☐ iii) C ☐ iv) D ☐

c) **Draw** a **right angle** on the below grid. Use a **ruler**.



(4 marks)

9. Look at the money boxes.



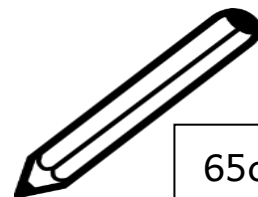
Underline the correct word.

- a) Jake has (**more**, **less**) money than Sarah.
- b) Sarah puts another **two 5c coins** in her money box.
How much money does she have now?

Show your
working here.

c

- c) Jake needs **65c** to buy a pencil.
How much **more** money does he need?



65c

Show your
working here.

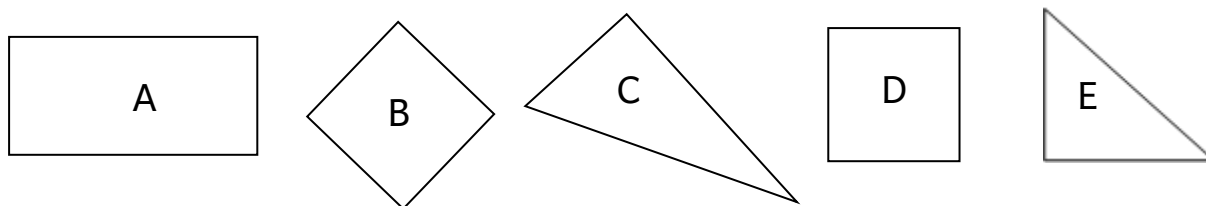
c

- d) Sarah has **another** money box with 5c coins.
She counts the coins and writes:
 $14 \times 5 = 70c$
How many **five cent coins** are in her money box?

coins

(6 marks)

10. Ashley and Mario are playing with these paper shapes.



a) How many **triangles** are there?

triangles

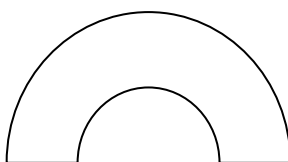
b) How many **squares** are there?

squares

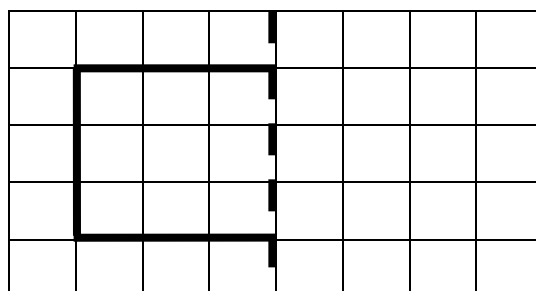
c) Choose any **three shapes** from the above that when you count their **total** number of **sides** it is **equal to 11 sides**.

Underline the shapes you choose: **A B C D E**

d) Draw one **line of symmetry** on this shape. Use a ruler.



e) Complete this shape with **one line of symmetry**. Use a ruler.



f) Tick (✓) **one** correct statement:

i) To **halve** a **rectangle** you **always** draw the **line of symmetry**.

ii) A **rectangle** has **4 right angles**.

iii) A **rectangle** has **curved** and **straight** sides.

☐
☐
☐

(6 marks)

11. The **table below** shows the favourite type of books of Year 4 students.

Note: The students vote only once. The table is not complete.

Book Type	Tally	Frequency
Non-Fiction		7
Humour		8
Fantasy		9
Adventure		4

a) **Complete** the tally chart for **Fantasy** type of book.

b) **Which** book type is the **least** favourite?

c) How **many** students choose **Non-Fiction** or **Adventure** as their favourite type of book?

Show your
working here.

students

d) **Underline** the correct word.

The number of students who choose **Adventure** is (double, half) the number of students who choose **Humour**.

e) There are **28 students** in Year 4.

In the class library there are **96 books**.

All students take **1 book** from the class library.

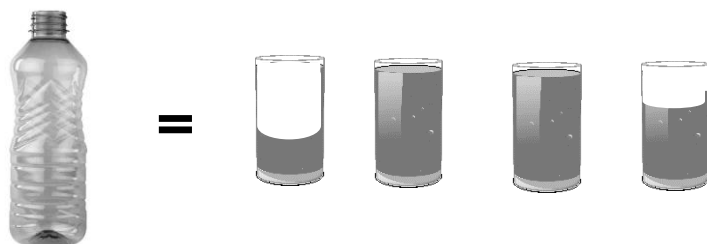
How many books are **left** in the class library?

Show your
working here.

books

(6 marks)

12. Kevin empties a full water bottle into cups of the same size.



ai) Tick (✓) the **best estimate** for the **capacity** of the water bottle.

1 cup ☐ 2 cups ☐ 3 cups ☐ 4 cups ☐

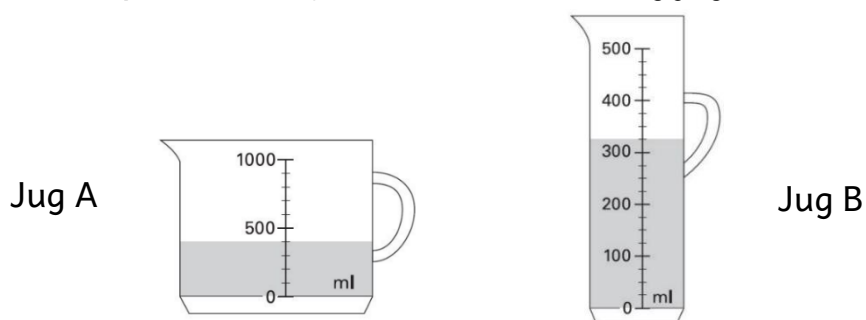
ii) The capacity of **1 cup** is **160 ml**.
Kevin **drinks 2 full cups** of water.

How **much** water does Kevin **drink**? Give your answer in **litres**.

Show your
working here.

litres

b) Kevin pours some juice into **2 measuring jugs**.



Jug A contains **more juice** than **Jug B**.

Explain why.

(6 marks)

13. Look at the calendar below.

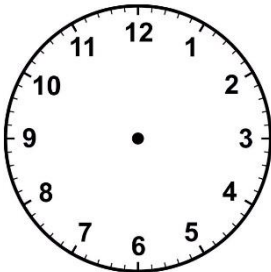
July 2024						
Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

a) Amy's birthday is on the 7th July 2024.
 Circle this date on the calendar.

b) Amy plans a birthday party on the 7th July 2024.
 She sends the invites 7 days before.
 Write the **date** Amy sends the invites.

2024

ci) Amy's birthday party **starts** at 6:00 p.m.
 Draw the **hands** on the clock to show this time.



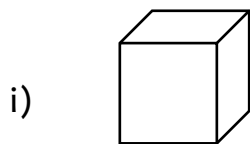
ii) Amy's party **ends** at 7:30 p.m.
 How **long** is Amy's party?
 Give your answer in **minutes**.

Show your working here.

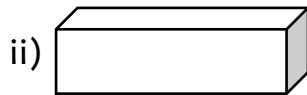
minutes

(6 marks)

14a) **Underline** the correct word:



This shape is a (cube, cuboid, square, rectangle).

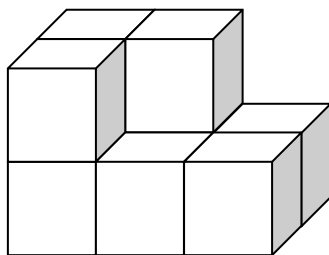


This shape is a (cube, cuboid, square, rectangle).

iii) These shapes are (**2D**, **3D**) shapes.

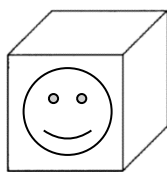
b) James wants to build a **cuboid** with **small cubes**.

What is the **least** number of small **cubes** he needs to **complete** the **cuboid**?



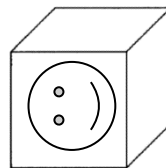
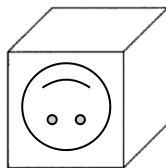
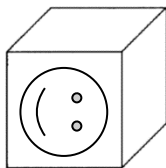
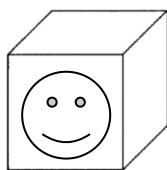
small cubes

c) James puts a sticker on one of the faces of a cube.



He flips the cube **3 right angles clockwise**.

Circle the cube which shows how the cube looks **now**.



(6 marks)

END OF EXAMINATION

Marks' Scheme	Nos.	1 a-e	5 x 2	=	10
		2 a-e	5 x 2	=	10
		3 – 8	6 x 4	=	24
		9 – 14	6 x 6	=	36
				TOTAL	80

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