

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

**SPECIMEN**

**YEAR 4**

**MATHEMATICS**

**TIME: 1h 15min**

Name: \_\_\_\_\_

Class: \_\_\_\_\_

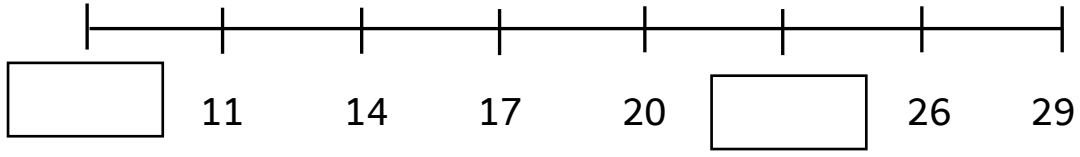
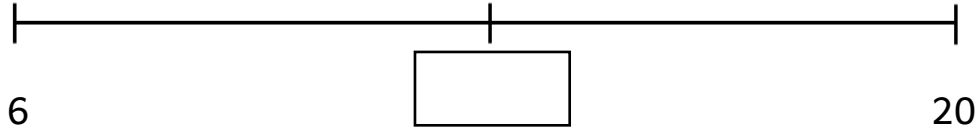
Section A:

1. Work Out:

a)	i) $6 + 4 =$ <input type="text"/>	ii) $8 +$ <input type="text"/> $= 10$
b)	i) $40 - 10 =$ <input type="text"/>	ii) $46 - 25 =$ <input type="text"/>
c)	i) $0 \times 2 =$ <input type="text"/>	ii) $5 \times$ <input type="text"/> $= 35$
d)	i) $12 \div 2 =$ <input type="text"/>	ii) $36 \div 6 =$ <input type="text"/>
e)	i) $3 + 4 + 7 =$ <input type="text"/>	ii) $30 \div 10 =$ <input type="text"/> $\times 3$

(5 x 2 marks = 10 marks)

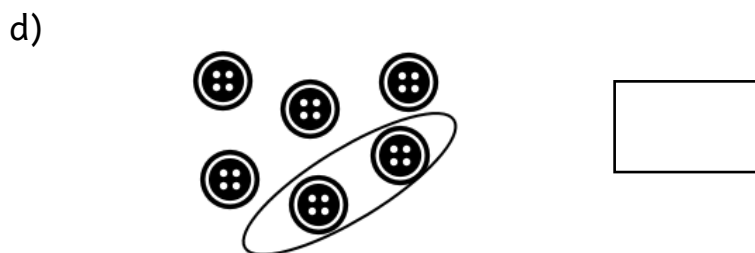
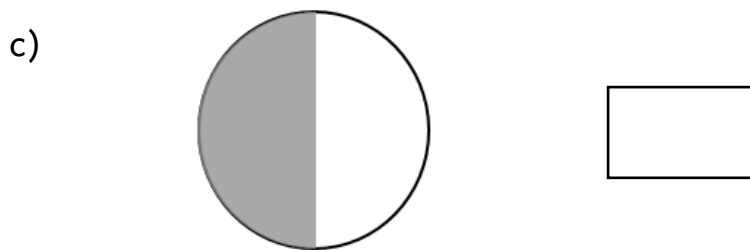
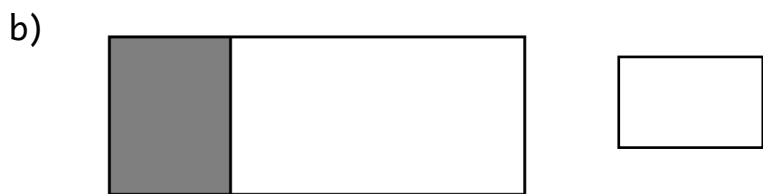
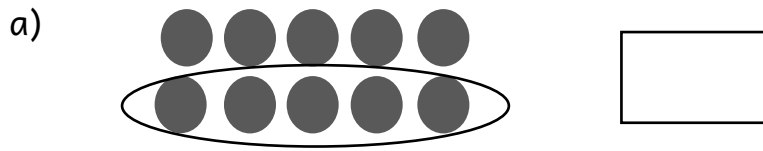
2. Complete:

<p>a)</p>	<p>Fill in the <b>missing</b> numbers in the boxes:</p> 
<p>b)</p>	<p>i) Round 73 to the nearest 10. <input type="text"/></p> <p>ii) Round 237 to the nearest 100. <input type="text"/></p>
<p>c)</p>	<p>Which number is exactly <b>halfway</b> between 6 and 20:</p> 
<p>d)</p>	<p>Fill in with +, -, ×, or ÷</p> <p>i) <math>36 \square 4 = 9</math>      ii) <math>25c \square 6c = 19c</math></p>
<p>e)</p>	<p>Use the number cards below to make:</p> <p style="text-align: center;"> <span style="border: 1px solid black; border-radius: 10px; padding: 5px 15px; display: inline-block;">2</span> <span style="border: 1px solid black; border-radius: 10px; padding: 5px 15px; display: inline-block; margin-left: 20px;">7</span> <span style="border: 1px solid black; border-radius: 10px; padding: 5px 15px; display: inline-block; margin-left: 20px;">8</span> <span style="border: 1px solid black; border-radius: 10px; padding: 5px 15px; display: inline-block; margin-left: 20px;">5</span> </p> <p>i. the <b>largest</b> possible 2-digit odd number <input style="width: 80px;" type="text"/></p> <p>ii. the <b>smallest</b> possible 2-digit even number <input style="width: 80px;" type="text"/></p>

(5 x 2 marks = 10 marks)

Section B:

3. Tick (✓) all the diagrams showing one half ( $\frac{1}{2}$ ).

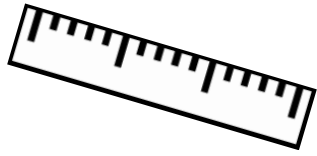


(4 marks)

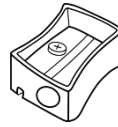
4.



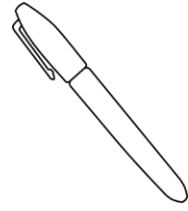
pencil  
45c



ruler  
38c



sharpener  
65c



pen  
55c

a) How much do the **pencil** and the **ruler** cost **altogether**?

Show your  
working here.

c

b) Which **two** items cost 1 euro altogether?

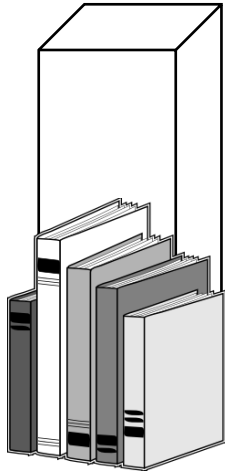
and

c) Ella buys a ruler and pays with **6 coins**.

Which are the **6 coins** that Ella uses?

(4 marks)

5. a) A **3D shape** is behind some books.



The **3D shape** is a

b) Tick (✓) the statement which is **TRUE**.

i. A triangle is a 3D shape.

ii. A triangle **always** has 3 sides.

iii. A triangle **never** has 1 line of symmetry.

(4 marks)

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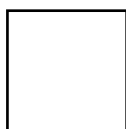
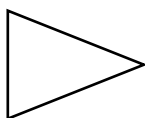
6. a) Look at this letter:

**R**

i. How many **curved** lines does it have?

ii. How many **straight** lines does it have?

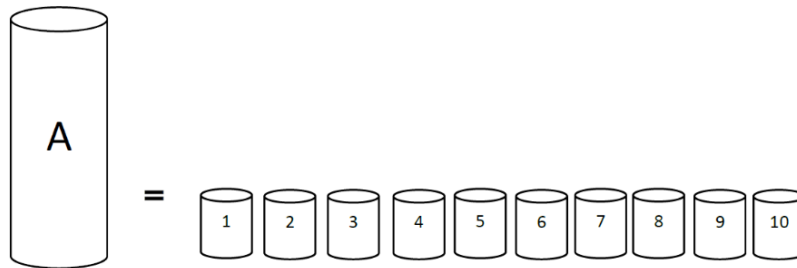
b) **Shade** a shape which has **two** lines of symmetry **only**.



(4 marks)

7. Betty has container A and 10 cups.

All cups are of the same size and full of water.



a) Betty pours the 1st and the 2nd cup in container A.

How much of container A is full?

Tick (✓) the correct answer.

empty	almost empty	half full	almost full	full
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

b) Put a different amount on each circle.

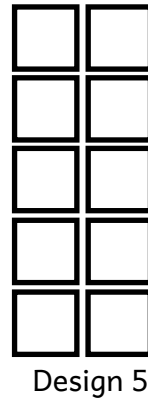
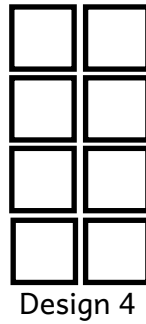
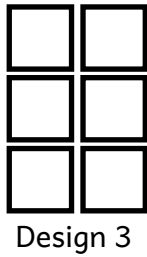
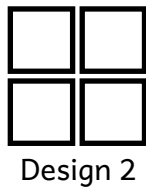
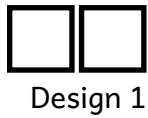
Make each line add up to 2 litres.

$\frac{1}{4} \ell$	$1 \ell$	$\frac{1}{2} \ell$	$750 \text{ ml}$	$500 \text{ ml}$
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	<input type="text"/>				
		+			
<input type="text"/>	+	<input type="text"/>	+	<input type="text"/>	= 2 litres
		+			
		<input type="text"/>			
		=			
		2 litres			

(4 marks)

8. Martha is making designs with squares in a **pattern**.



a) How many squares are there in the 3<sup>rd</sup> design?

squares

b) Martha makes more designs.

How many squares are there in the 6<sup>th</sup> design?

squares

c) Martha says:

There **cannot** be a design with 13 squares in this pattern.



i. Is Martha **correct**?

Yes

No

ii. Give a reason **why**.









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(4 marks)

9. Look at the map on the grid.

5	 hospital				 shoe shop
4				 hotel	
3		 school	 library		 pharmacy
2					 park
1			 bookstore		
	A	B	C	D	E



a) Which building is in square **D4**?

b) In which square is the **park**?

c) Underline the correct word:

The pharmacy is (above/below) the park.

d) **Complete** the directions from the **bookstore** to the **shoe shop**.

Move  squares **up** and 2 squares .

e) I am at the **library** in **C3**.

I am facing **North**.

I turn **3 right angles anti-clockwise**.

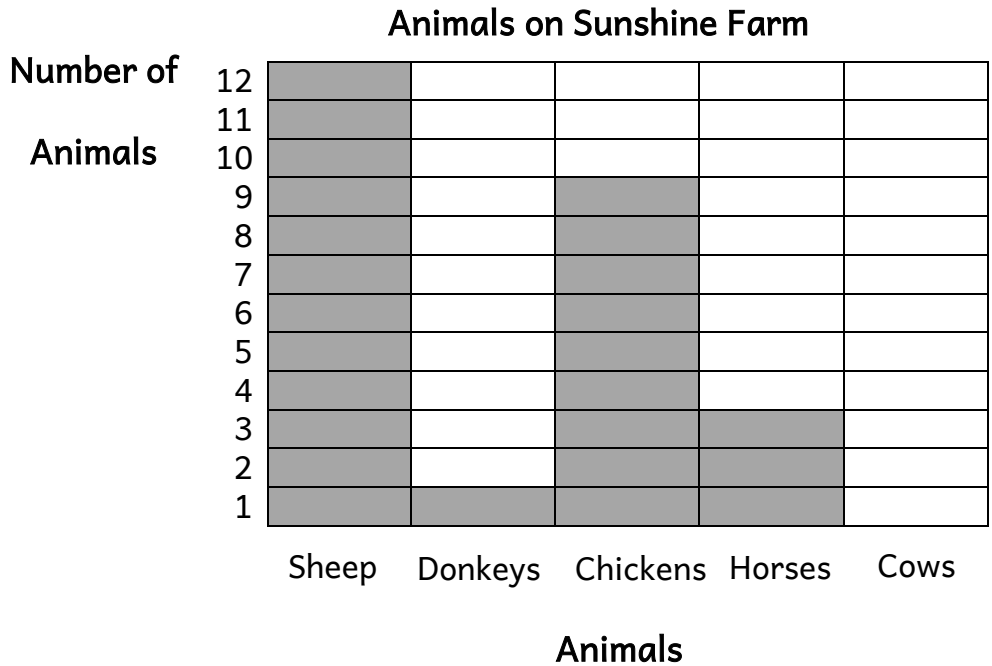
Which **building** am I facing?

(6 marks)



10. The block graph shows the number of animals on Sunshine Farm.

**Note:** The block graph is not complete.



a) Fill in using  $<$  ,  $>$  or  $=$

Double the sheep  Total of chickens and horses

b) On Sunshine Farm there are **5 more cows** than **horses**.

i. How many **cows** are on Sunshine Farm?  cows

ii. **Complete** the block graph to show the number of **cows** on Sunshine Farm.

c) A total of **9**  are on the farm.

d) Some of the chickens **run away**.

The farmer of Sunshine Farm counts the **total** number of legs of the **remaining** chickens.





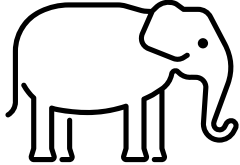


**Choose** the number that he counts.

He counts (24, 14, 17) legs.

(6 marks)

11. Look at the table below.

				
Fish 80 g	Hedgehog 800 g	Tiger 160 kg	Panda 80 kg	Elephant 4000 kg

a) How much **heavier** is the **hedgehog** than the **fish**?

Show your  
working here.

g

b) The hedgehog grows by **0.5 kg**.  
What is the **mass** of the hedgehog now?

Show your  
working here.

kg g

c) The tiger, the panda and the elephant are standing in a line.

The elephant is **not** the **first**.

The panda is **not** the **last**.

The tiger is **not** in the **middle**.

The tiger is **not next to** the panda.

Who is **first** in line?



1<sup>st</sup>

2<sup>nd</sup>

3<sup>rd</sup>

(6 marks)

12. a) Matteo's pencil is **5 paper clips** long.

Each paper clip is **3 cm** long.

How **long** is the pencil in cm?

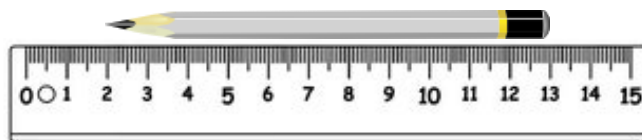


Show your working here.

cm

b) Matteo sharpens the pencil.

How **long** is the pencil now?



Show your working here.

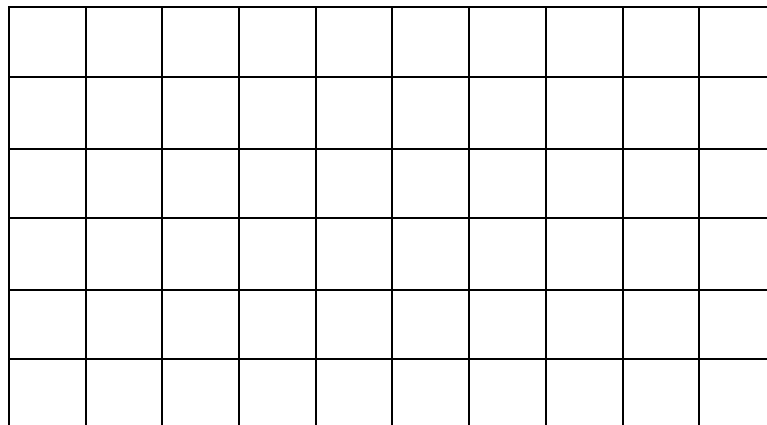
cm

c) Matteo uses the pencil and a ruler to draw a square.

Draw the **largest possible square** on this grid.

Each square on the grid is a **1 cm** square.

REMEMBER: Use a ruler.



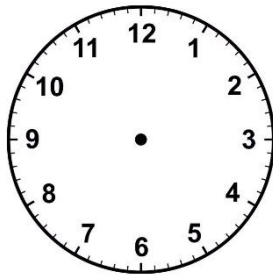
(6 marks)

13. Here is part of a bus timetable:

Buses to Sliema	
Bus	Leaves from Valletta
Bus 1	8:00 a.m.
Bus 2	8:30 a.m.
Bus 3	8:45 a.m.
Bus 4	9:10 a.m.
Bus 5	9:30 a.m.

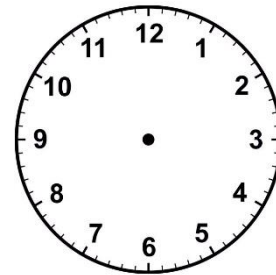
a) On the clocks below, **show** the times these buses leave from Valletta.

i.



Bus 1

ii.



Bus 2

b) How many minutes pass **between** the times Bus 1 and Bus 2 leave From Valletta?

minutes

c) Michael arrives at the bus stop at **8:25 a.m.**

i. Which bus can he catch **next**?

ii. How much **longer** does he need to wait?

minutes

d) Daniela **misses** bus 3.

At **what time** does she arrive at the bus stop?

Tick (✓) the correct time.

8:15 a.m.

8:35 a.m.

8:55am

(6 marks)

14. Karl, Alison and Matthew love reading.

a) Karl reads  $\frac{1}{4}$  of a book.

The book has **20** pages.

i. How **many** pages does Karl read?

Show your working here.

	pages
--	-------

ii. What fraction of the pages does he **still have to read**?

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b) Alison reads  $\frac{3}{4}$  of a book.

Matthew reads  $\frac{5}{8}$  of the **same** book.


i. Who reads **most** of the book?

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ii. **Draw or show working** to explain your answer.

Show your working here.

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(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