

Sacred Heart College
Junior School
Annual Sample Paper

Year 4

Mathematics
Written Paper

Time: 1hr 45mins

Total Mark: _____ /80

Name: _____

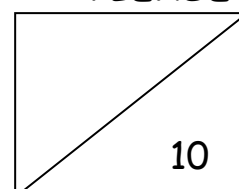
Register Number: _____

1. Fill in:

(2 marks each)

a.	$68 + 5 = \square$
b.	$104 - \square = 95$
c.	$\square \times 7 = 56$
d.	$19 \div \square = 6 \text{ r } 1$
e.	<p>✓ the box if the calculation is correct, or put an X if the calculation is incorrect.</p> <p>$120 + 130 = 260 \square$</p>

PLEASE TURN OVER



2. Look carefully at the numbers below.

(4 marks)

75	69	65	63	67
----	----	----	----	----

a) Which of the numbers above give 70 when rounded to the nearest 10?

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b) Work out the **difference** between the **largest** and the **smallest** number, from the **results** of question (a).

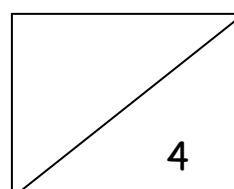
Working



The difference is

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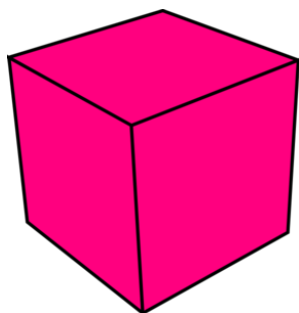
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3. a) Write the number of **faces** and **vertices**.

(4 marks)

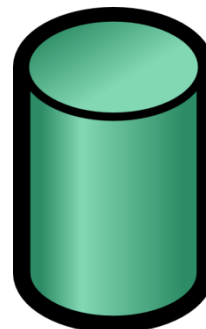
(i)



Cube



Sphere

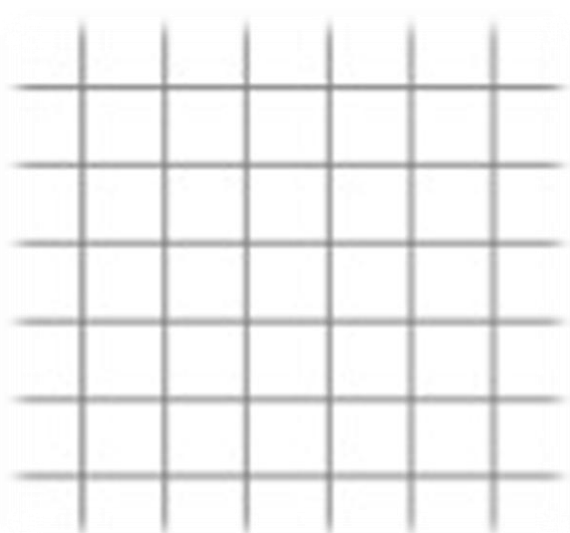


Cylinder

_____	_____	_____
face/s	face/s	face/s
_____	_____	_____
vertice/s	vertice/s	vertice/s

(ii) Using a ruler, draw the following 2-D shape.

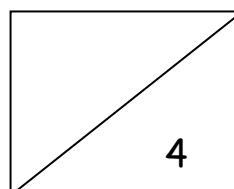
Complete the information about the **properties** of the shape.



an octagon

	sides
	line/s of symmetry

PLEASE TURN OVER



4. Which of the following are **correct**?

(4 marks)

a) Tick the **correct ones** only. *The first one has been done for you.*

$\frac{1}{2}$ of 10 = 5

$\frac{1}{2}$ of 90 = 45

$\frac{1}{2}$ of 100 = 10

$\frac{1}{2}$ of 16 = 8

$\frac{1}{2}$ of 18 = 4

5. What **fraction** is shaded?

(4 marks)

(i)



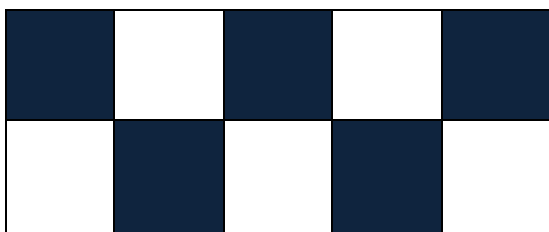
Tick the correct answer

$\frac{1}{2}$

$\frac{1}{4}$

$\frac{1}{8}$

(ii)



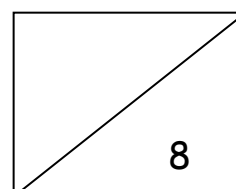
Tick the correct answer

$\frac{1}{2}$

$\frac{1}{4}$

$\frac{1}{8}$

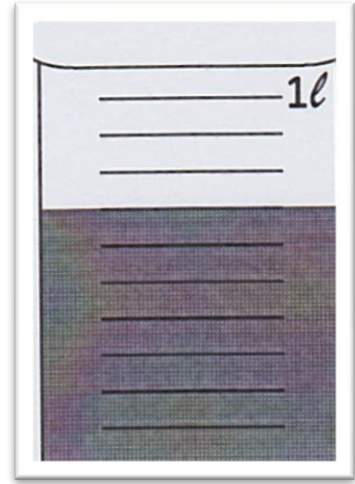
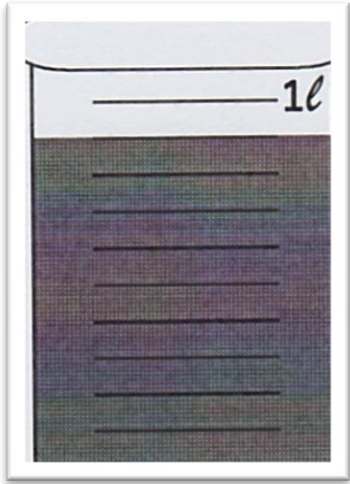
PLEASE TURN OVER



6.

This container has
900 *ml* of water.

George pours out
some water in a cup.



a) How much water does George **pour out**?

(2 marks)

_____ *ml*

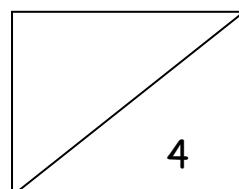
b) At the end of the day, there is only **100 *ml***
left in the container.

Draw an arrow → to show this.

(2 marks)



PLEASE TURN OVER



7. Circle the **measure** which is the **nearest**.

(1 mark each)

Note: the first one has been done for you.

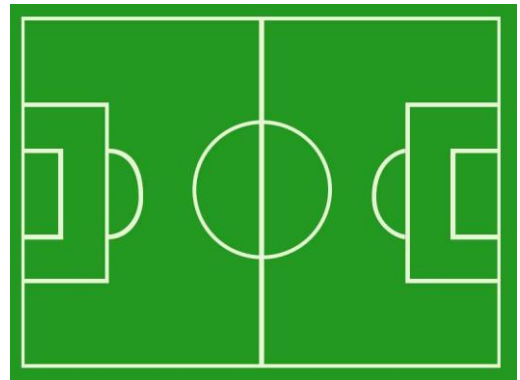
a) The gymnast's height

50 cm	1.65 m	6m
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b) The length of a football ground

150 mm	155 cm	105 m
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c) The length of the Eiffel Tower

100 km	150 cm	301 m
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d) The length of a training shoe of an 8 year old boy

20 mm	20 cm	20 m
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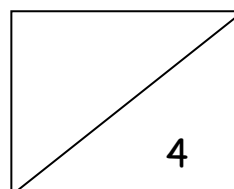


e) The length of a laptop

30 mm	30 cm	50 m
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PLEASE TURN OVER



8. The times on the analogue clocks below show when Kate **starts** and **finishes** building a model ship.

Start time

Finish time



_____ : _____	_____ : _____
---------------	---------------

- a) Write the **digital time** each clock shows. (2 marks)
- b) How long does **Kate** take to build her model ship? (2 marks)

Give your answers in minutes.

Minutes

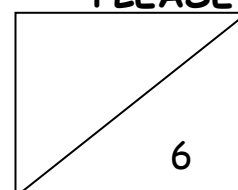
- c) Kate's favourite documentary **SET SAIL** starts at quarter to 4.

Write quarter to 4 in digital time. (2 marks)

_____ : _____



PLEASE TURN OVER



9 (A) Work out the **vertical additions** below.

(2 marks)

(i)

$$\begin{array}{r} 325 \\ 236 \\ + 127 \\ \hline \\ \hline \end{array}$$

(ii)

$$\begin{array}{r} 124 \\ 232 \\ + 448 \\ \hline \\ \hline \end{array}$$

(B) Make a **total** of 100.

(4 marks)

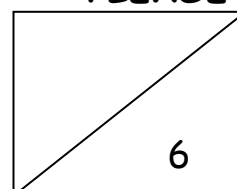
(i) Write 2 **even numbers** that total 100.

$$\square + \square = \underline{\underline{100}}$$

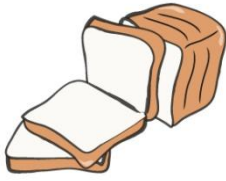
(ii) Write 2 **odd numbers** that total 100.

$$\square + \square = \underline{\underline{100}}$$

PLEASE TURN OVER



10 (A)



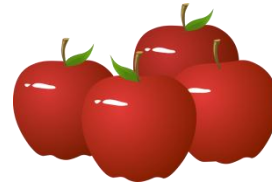
Bread

€0.95



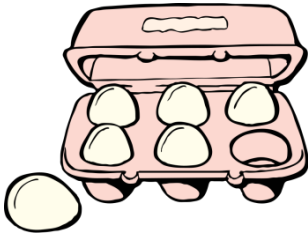
milk

€0.60



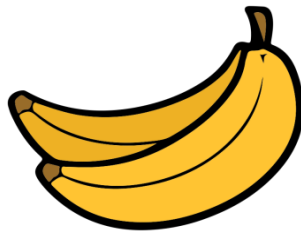
apples

€1.92



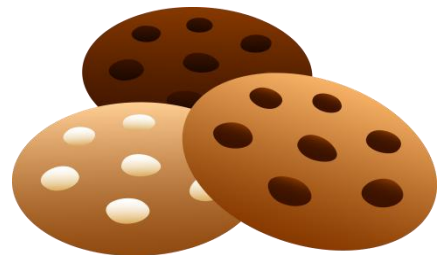
Eggs

€1.75



bananas

€1.80



cookies

€1.05

a) Roberta has a €5 note. After buying two different items she has €2.25 left.

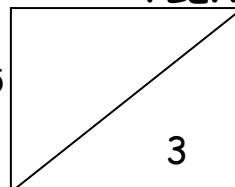
What does she buy? Tick the items she buys.

(3 marks)

bread	<input type="checkbox"/>	milk	<input type="checkbox"/>	apples	<input type="checkbox"/>
eggs	<input type="checkbox"/>	bananas	<input type="checkbox"/>	cookies	<input type="checkbox"/>

Working

PLEASE TURN OVER



(B) Find out the **cost** of these two items **after** the shopkeeper put them on **SALE**. (3 marks)

(i) Example



Original price	€4.45
Discount	€2.10
New price	€2.35

(ii)



Original price	€10.80
Discount	€4.10
New price	

(iii)



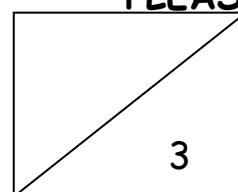
Original price	€6.70
Discount	€0.30
New price	

(iv)



Original price	€20.00
Discount	€15.00
New price	

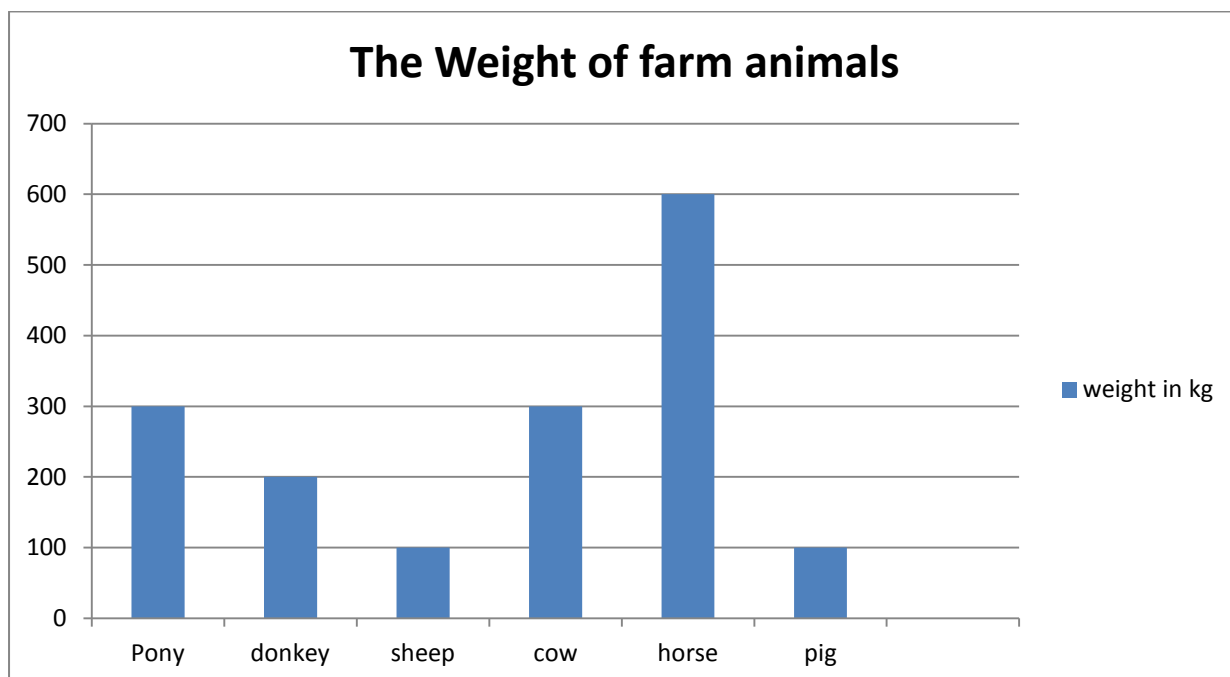
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11. The chart below shows the weight of the animals on Three Hills Farm.

(6 marks)

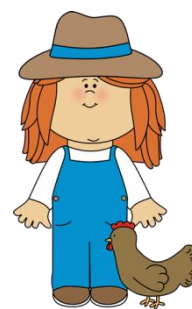


a) Which is the **heaviest** animal on Three Hills Farm? _____

b) On this farm, the pig is _____ kg **lighter** than the cow.

Bettina takes care of the animals on Three Hills Farm.

She weighs **15kg less** than the **sheep**.

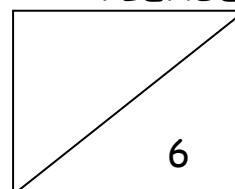


c) What is the **total weight** of **Bettina** and **ALL** the farm animals on Three Hills Farm?

Working

_____ kg

PLEASE TURN OVER



12. Problems

(6 marks)

- a) Catherine buys **1.5 m** of ribbon.
She uses **85 cm** of it to wrap a gift.
How much ribbon is **left**?

Working



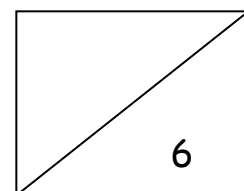
_____ cm

- b) Lizzie measured her dog's tail when he was still a puppy. It was 24cm long.
On his first birthday, she measured his tail. The new measurement was 60cm long. How long did it grow?

Working



_____ cm



PLEASE TURN OVER

13. More Problems

(6 marks)

a) Alex is meeting her friends at the cinema at 8:30pm.

It takes 35 minutes to get there.

When should she leave her house?

Working



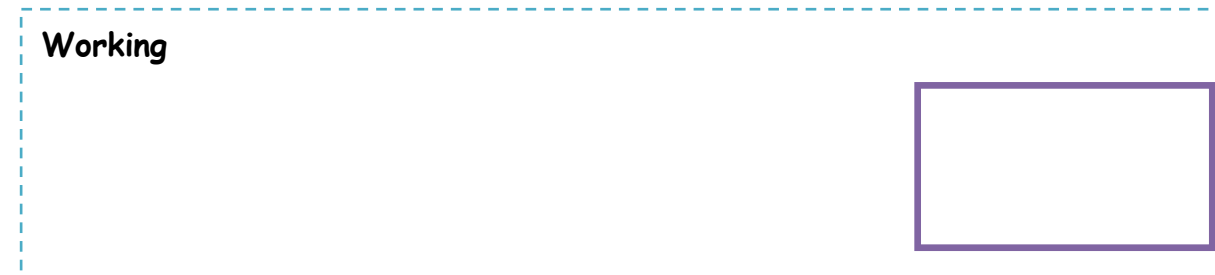
b) A group of 34 people are going on a plane.

$\frac{1}{4}$ are children.

How many are grown-ups?

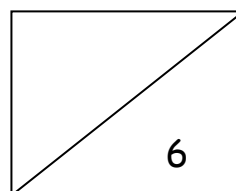


Working



END OF PAPER

Marks' Scheme	Nos.	1a - j	$10 \times 2 =$	20
		2 - 7	$6 \times 4 =$	24
		8 - 13	$6 \times 6 =$	36
			TOTAL	80



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