

ST. Thomas More College

Primary Schools

Half Yearly Examinations

MATHEMATICS WRITTEN

Year 5

February 2016

Time: 1hr 15 minutes

Name: _____

Class: _____

Total Marks:

1. Work out the following:

Answer

a	$36 \times 4 =$	
b	Multiply $578 \times 100 =$	
c	The value of 7 in 6,712 is =	
d	Double $360 =$	
e	Round 587 to the nearest 10 =	
f	$480 \div 10 =$	
g	$(4 \times 100) + (5 \times 10) =$	
h	How many metres are there in $3\frac{1}{4}$ km =	
i	What is half of 960 ? =	
j	What is $\frac{3}{4}$ of 24 =	
k	Write seven hundred and nine in figures =	
l	Tick X the incorrect statement only:	
	i) A hexagon has 6 sides	
	ii) An octagon has 9 sides	
	iii) A pentagon has 5 sides	

(24 marks)

2. Fill in with these signs $>$ $<$ $=$

a	€3		300c
b	37,701		36,021
c	4 x 5		7 x 3
d	50 cm		500 mm
e	2430 m		2.340 km
f	$\frac{1}{2}$ kg		750g

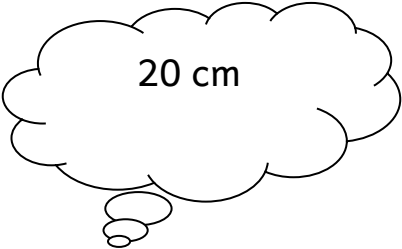
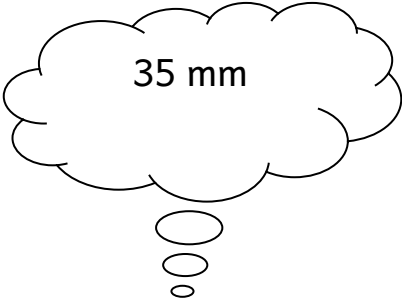
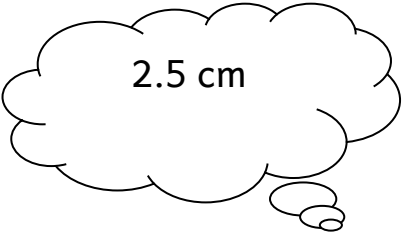
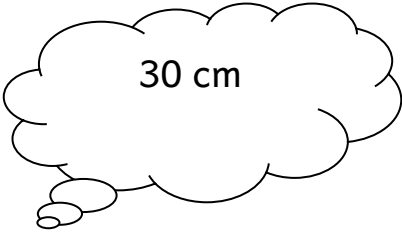
(6 marks)

3. Doubling and halving

Doubling	12	20		64	80		170
Halving	6		42			300	

(6 marks)

4. Write these lengths in order, starting with the shortest:

				
				
Shortest				

(4 marks)

5. Write in the missing numbers:

a) $\square \div 3 = 24$

b) $\square \times 4 = 36$

b) $225 - \square = 140$

c) $\square - 73 = 28$

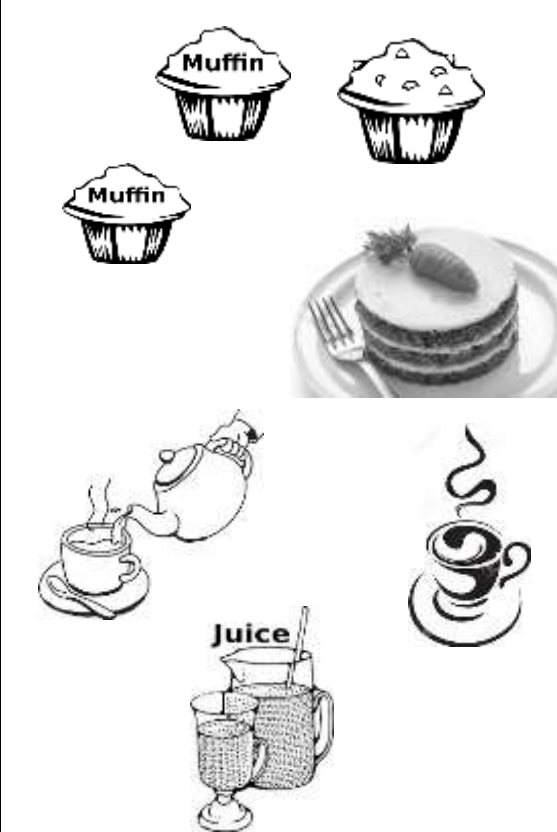
(4 marks)

6a An isosceles triangle has a perimeter of **18cm**. What can the length of each side be?

b A rectangle has an area of **24cm²**. Its length is **2cm**. Find the breadth of the rectangle.

(6 marks)

7. These are the prices in a teashop.

Dessert		
Chocolate muffin	65c	
Strawberry muffin	60c	
1 slice of carrot cake	65c	
Hot & Cold Drinks		
1 pot of tea	€1.40c	
1 cappuccino	90c	
1 glass juice	€1.00	

a) Emily spends exactly **€2** to buy a dessert and a hot drink. What does she buy with **€2**?

b) Mark has **€4**. If he wants to buy a **pot of tea** for his mum, a **cappuccino** for his dad and 3 **strawberry muffins**. How much more money does he need?

6 marks)

8. Paul has €48. He gives $\frac{1}{2}$ to his brother.

Then he lends $\frac{1}{4}$ of the remainder to his friend Joseph. From what is left he spends $\frac{1}{6}$ on a book.



a) How much money has he given to his brother?

€ _____

b) How much money has he lent Joseph?

€ _____


c) How much money has he spent on a book?


€ _____





















(6 marks)



9. This pictograph shows the number of pets owned by the children of a Year 5 class.

 = 4 children

 = 2 children

dogs						
cats						
rabbits						
birds						
snakes						

- a) How many children own a dog? _____
- b) How many more children prefer rabbits to birds? _____
- c) 6 children own a _____
- d) Can we calculate the total number of children in class? Yes No
- e) Give a reason for your answer. _____

(6 marks)

10a Circle the most suitable measurement

The capacity of a **mug** is

500ml	250ml	1ltr	20ltr	25ml
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The weight of a **small can of mushrooms** is

5kg	5g	1kg	450g	150g
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- b (i) Sandy bought two bottles of lemonade. Each bottle contains **750ml**. Sandy's **4 guests** drank **200ml each**, while Sandy drank another **300ml**. How much lemonade did they drink altogether?



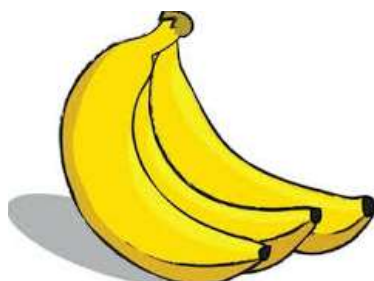
_____ml

- b (ii) How much lemonade was left?

_____ml

(6 marks)

11. Hannah decides to make a fruit salad, using bananas, apples and mangoes. For every **one banana**, she uses **two mangoes** and **three apples**.



In all Hannah uses **18 fruit**.

a) How many apples does she use? _____

b) How many mangoes does she use? _____

c) Is it **true** or **false** that she uses an odd number of mangoes?

Tick ✓ the correct answer **TRUE**

FALSE

(6 marks)

END OF PAPER

Marking Scheme

Mental Paper	Nos. 1 – 20	20 × 1 mark = 20 marks
Written Paper	No. 1 (a – k)	12 × 2 marks = 24 marks
	Nos. 2 & 3	6 × 1 mark = 6 marks
	Nos. 4 & 5	4 × 1 marks = 4 marks
	Nos. 6 & 7	2 × 3 marks = 6 marks
	No. 8	3 × 2 marks = 6 marks
	Nos. 9 – 11	6 marks
		100 marks