

St. Thomas More College
Primary Schools Half Yearly Examinations 2017



Year 5:

MATHEMATICS

Time: 1hr 15 mins

Name: _____ Class: _____

Question 1

(10 x 2= 20 marks)

	Question	Answer
a)	Round 1164 to the nearest 100	
b)	What is the value of 3 in 1534	
c)	Half of 456 =	
d)	Which is the heaviest weight? 550g, 5.5kg ,5kg	
e)	$0.6 + \underline{\hspace{2cm}} = 1$	
f)	Multiply 27×3	
g)	Convert $\frac{24}{7}$ to a mixed fraction	
h)	Add $459 + 221$	
i)	Divide $4570 \div 10$	
j)	How many sides are their in a hexagon?	_____sides

2. Write the missing numbers:

(4 marks)

a) $\underline{\quad} \times 6 = 42$

b) $\underline{\quad} \div 4 = 9$

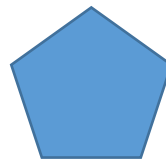
c) $261 + \underline{\quad} = 431$

d) $\underline{\quad} - 26 = 14$

3. Name these polygons:

(4 marks)

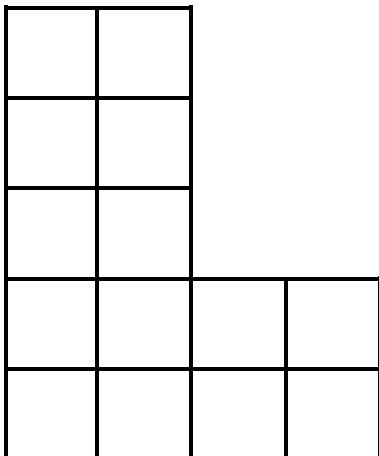








4. a)



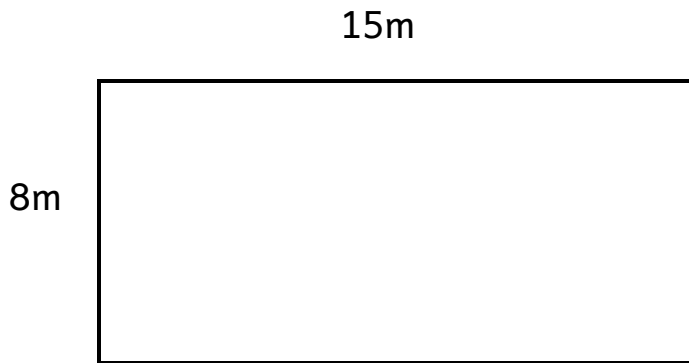
i) Find the **area** of this shape.

_____ cm² (1 mark)

ii) Find the **perimeter** of this shape?

_____ cm (1 mark)

b) A rectangular field measures 15m by 8m. Find the **area** of the field.



_____cm² (2 marks)

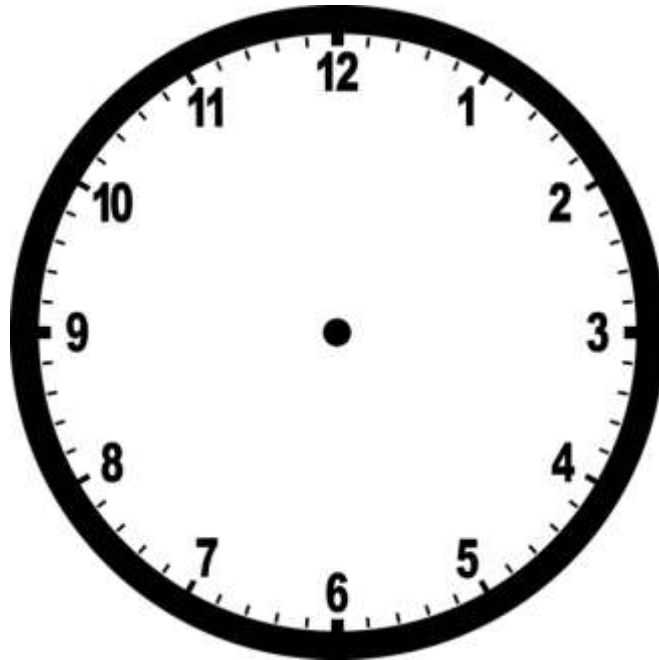
5. a) The Pyramid of Giza is **139m** tall.

139m is equal to _____cm. (2 marks)

b) The Pyramid of Giza is open for visits from **8 o'clock in the morning to 5 o'clock in the afternoon**. For how long is the Pyramid open every day?

_____ hours
(2 marks)

c) During September the Pyramid will close **1 hour earlier than the usual closing time**. Show the time on the clock



(2 marks)



6. This is the calendar for the month of March 2017

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				

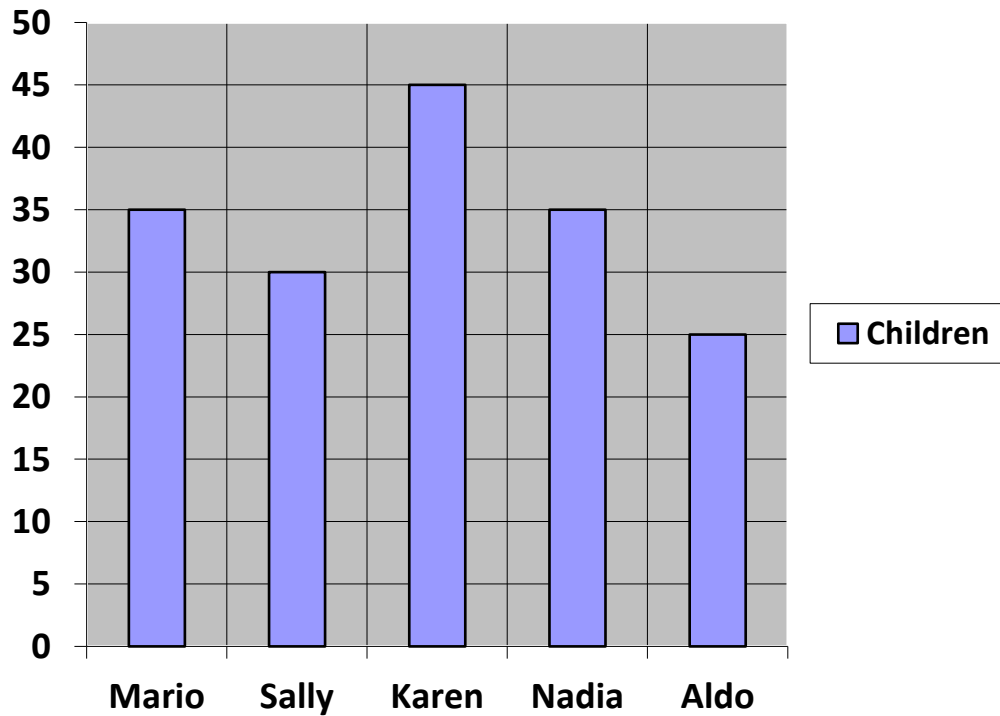
a) Complete the calendar for March 2017. (2 marks)

b) The feast of St Joseph is on the 19th of March. Which day of the week is this? _____ (1 mark)

c) Martina's birthday is on the third Monday of March. Which date is this? _____ (1 mark)

d) The Tarxien Temples will be open to the public every Wednesday and Sunday of the month. How many days will it be open in March?
_____ days. (2 marks)

7. The bar chart shows the mass of a group of friends, measured in kilograms.



- a) Who is the heaviest? _____ (1 mark)
- b) Who weighs 30kg? _____ (1 mark)
- c) How many children have the same mass? _____ (1 mark)
- d) Which of the measurements below is the total mass of the 5 children? Tick the correct answer

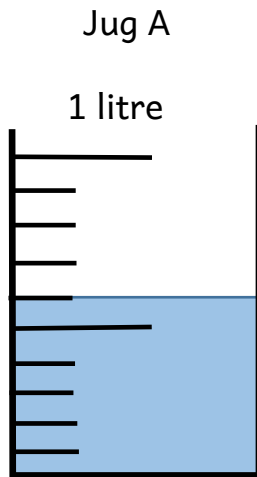
175kg 170kg 196kg 145kg

Show your working here :

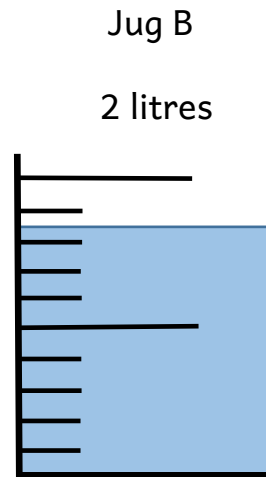
(3 marks)

8. Look at the following jars.

a) How many millilitres are there in each jar?



_____ ml (1 mark)



_____ ml (1 mark)

b) Sam and his 4 friends **share** a bottle of lemonade. Two (2) of them drink **300 ml each**. The others **drink $\frac{1}{4}$ L each**. There were **150ml left** in the bottle.

i) How many Litres of lemonade were there **in the beginning?** (2marks)

_____ Litres

ii) They decided to pour the **rest** of the lemonade in **50ml glasses**. How many glasses can they fill? (2 marks)

_____ glasses

9. a) On a roller coaster **147 children sit in carriages of 6 seats each**. How many **full carriages** are there?

_____ full carriages

(2 marks)

b) Will all the children have a go at the same time? Tick (X) the correct box.

Yes

or

No

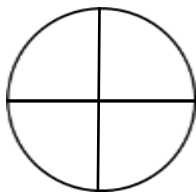
(1 mark)

c) Give a reason for your answer.

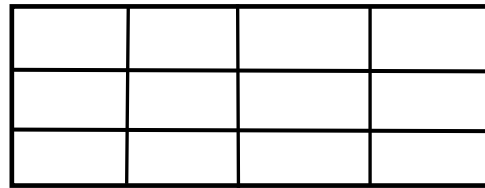
(3 marks)



10. a) Look at the following shapes. Shade $\frac{1}{4}$ in each of them.

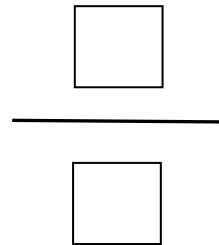
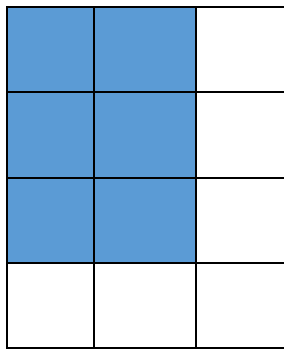


(1mark)



(1 mark)

b) Look at the following shape. What fraction must be added to have 1 whole?



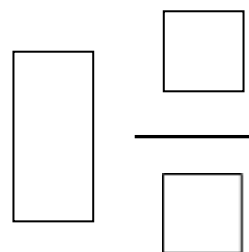
(1 mark)

c) Write \leq , \geq or $=$

$$\frac{3}{5} \quad \underline{\hspace{1cm}} \quad \frac{6}{8}$$

(1 mark)

d) Change $\frac{24}{5}$ into a mixed number:



(1 mark)

e) Sarah has 36 stickers. She gives $\frac{1}{4}$ of them to her sister. How many stickers does she give to her sister? (1 mark)

_____ stickers

11. Monica is preparing ice-cream for her guests using **vanilla ice-cream, strawberries and chocolate flake**. In each ice-cream glass she puts **3 scoops of ice-cream, 2 strawberries and 1 chocolate flake**.

In all Monica uses 15 scoops of ice-cream.

a) How many chocolate flakes does she use? _____ flakes.

(2 marks)

b) How many strawberries does she use? _____ strawberries.

(2 marks)

c) How many ice-cream glasses does she use? _____ glasses.

(2 marks)



12. **Let's think**

I think of a 2 digit odd number.

One of the digits is double the other.

My number is more than 20 but less than 100.

My number is _____

I think of a number.

It is a multiple of 6.

The number in the units place is double the number in the tens place.

My number is between 30 and 70.

My number is _____

(3 x 2= 6 marks)