



ST. Thomas More College

Primary Schools

Half Yearly Examinations

**MATHEMATICS WRITTEN PAPER**

Year 6

February 2015

Time: 1hr 15 minutes

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

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

Total Marks:

**1. Work out:**

a)  $50 + 39 =$  \_\_\_\_\_

b)  $110 - 85 =$  \_\_\_\_\_

c)  $33 \times$  \_\_\_\_\_  $= 3300$

d)  $981 \div 9 =$  \_\_\_\_\_

2. Complete.

Use the digits in each question only once.

a) Write the **smallest odd number** using 

4
---

3
---

1
---

6
---

\_\_\_\_\_

b) Using 

1
---

2
---

6
---

5
---

 write a number that when rounded to the nearest 100 is 6500. \_\_\_\_\_

c) Write these numbers in **ascending order** (smallest first)

23.3
------

23
----

2.33
------

0.23
------

2.3
-----

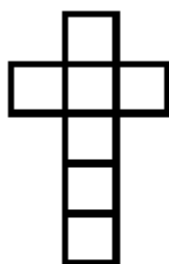
\_\_\_\_\_

---

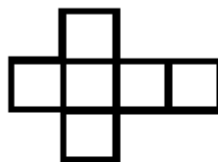
3. Below there are four nets of shapes.

Tick (✓) the nets which form a cube.

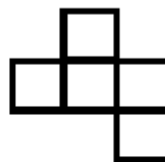
There is more than one answer.



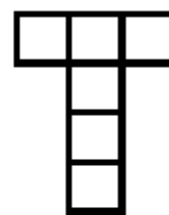
Net A



Net B



Net C



Net D

#### 4. Match.

$23^\circ$	.	.	a right angle
$45^\circ$	.	.	acute angle
$90^\circ$	.	.	an angle on a straight line
$180^\circ$	.	.	half a right angle

---

#### 5. Fill in with:

<b>+</b>	<b>-</b>	<b>×</b>	<b>÷</b>
----------	----------	----------	----------

You can use these signs more than once.

a)  $97 \text{ \_\_\_\_\_\_ } 4 = 388$

b)  $875\text{g \_\_\_\_\_\_ } 625\text{g} = 1.5\text{kg}$

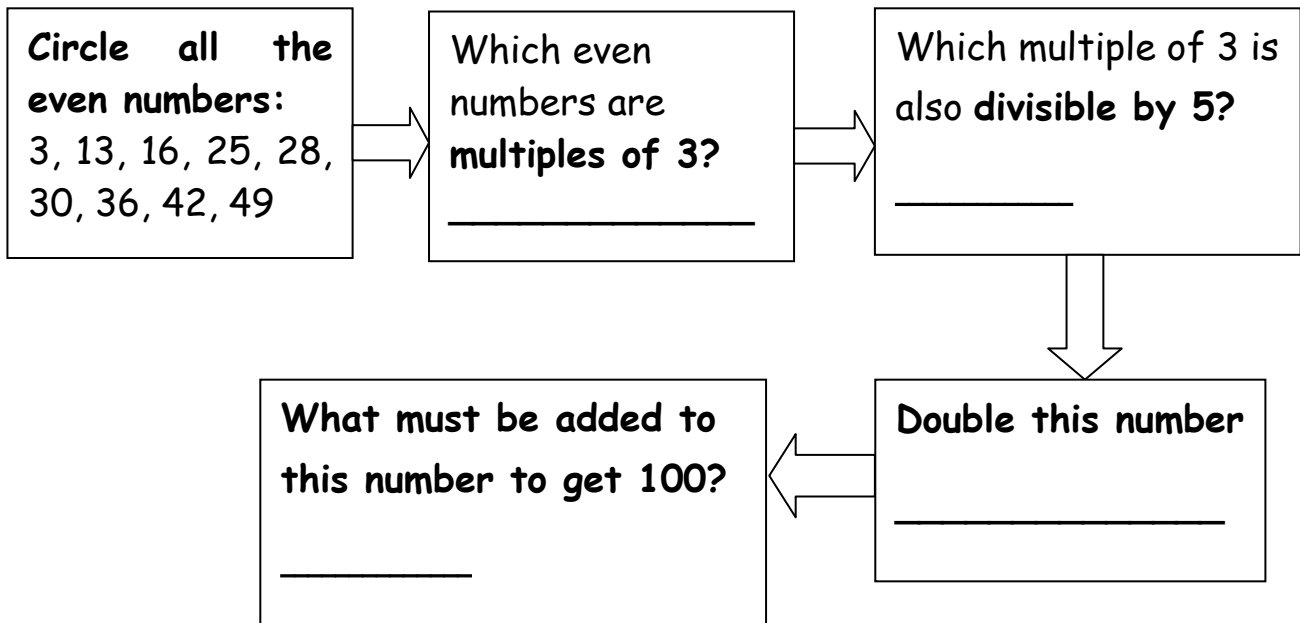
c)  $2.35 \text{ \_\_\_\_\_\_ } 5 = 0.47$

d)  $3\text{m \_\_\_\_\_\_ } 2\text{m}45\text{cm} = 55\text{cm}$

e)  $816 \text{ \_\_\_\_\_\_ } 8 = 102$

---

6. Follow the arrows and complete



---

7. John played marbles with his friends.

He started with 24 marbles but lost  $\frac{1}{6}$  of them in the first game and  $\frac{3}{4}$  of the remainder in the second game.



How many marbles did he have left?

\_\_\_\_\_ marbles

8. Look at the calendar for the month of November 2013

November						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
				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	

a) What was the date 2 days before the 1<sup>st</sup> November?

\_\_\_\_\_

b) What was the date on the first Tuesday in November?

\_\_\_\_\_

c) Jim's birthday is on the 4<sup>th</sup> of November. He has a party a week later. On which date is his party held?

\_\_\_\_\_

d) What is the date 10 days after the 14<sup>th</sup> November, 2013?

\_\_\_\_\_

e) What will be the date on the first Monday in December?

\_\_\_\_\_

9. 5 cartons of juice take up 12.25 cm of space on a shelf.

a) How much space is needed for 10 cartons?

\_\_\_\_\_ cm

b) How much space is needed for 1 carton?

\_\_\_\_\_ cm

c) If the shelf is 30cm long, how many cartons of juice will fit on the shelf?

\_\_\_\_\_ cartons

---

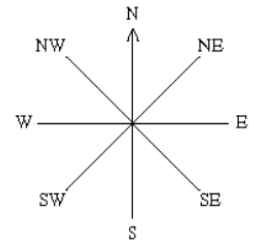
10. Write the name of each solid. Choose from:

**cube, cylinder, sphere, cone and pyramid**

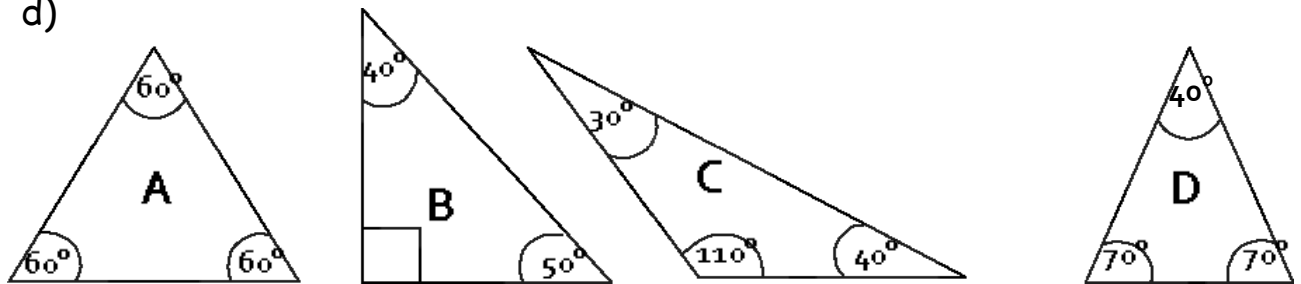
i)	6 square faces, 8 vertices, 12 edges	
ii)	2 circular faces, 1 curved face, 2 circular edges	
iii)	1 circular face, 1 curved face, 1 vertex, 1 circular edge	
iv)	4 triangular faces, 1 square base, 5 vertices, 8 edges	
v)	one curved face	

11. Find in degrees the angle of these turns

- a) From S to SE anticlockwise \_\_\_\_\_ 0
- b) From E to NW anticlockwise \_\_\_\_\_ 0
- c) From W to SE clockwise \_\_\_\_\_ 0



d)



- i. Which of these triangles is scalene? \_\_\_\_\_
- ii. Which of these triangles is isosceles? \_\_\_\_\_

12.

The rectangular top of a table is **three times as long as its breadth**. Its breadth is **5m**.



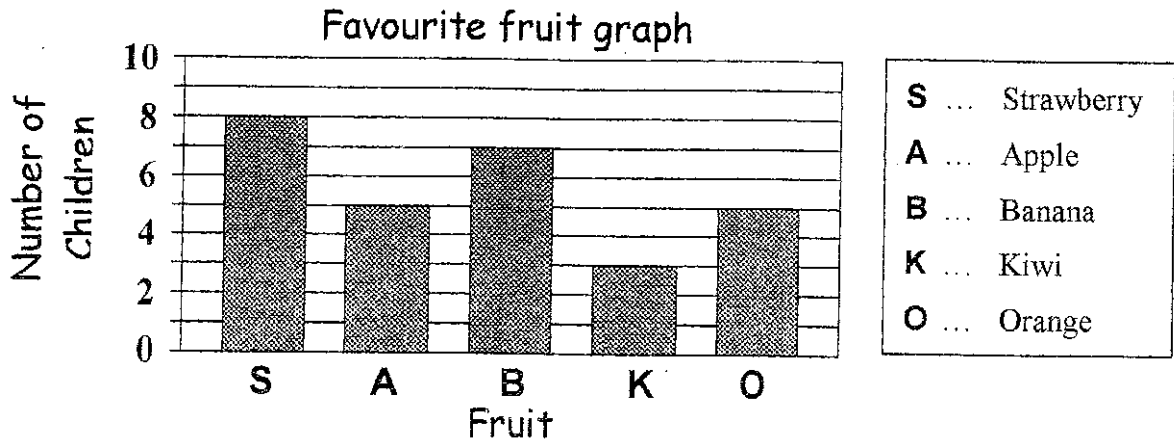
a) What is the length of the table? \_\_\_\_\_ m

b) What is the perimeter of the table top? \_\_\_\_\_ m

c) What is the area of the table top? \_\_\_\_\_ m<sup>2</sup>

13. Children in a class were asked to vote for their **favourite fruit**.

The graph shows the result of the voting.



a) Which two fruits received equal votes?

\_\_\_\_\_

b) Which fruit was least voted for? \_\_\_\_\_

c) How many children voted in all? \_\_\_\_\_ children

d) i) What fraction of the children voted for banana?

\_\_\_\_\_

ii) Write this fraction in its simplest form.

\_\_\_\_\_

14.

Bacon  
€4.50  
per kg



Cheese  
€2.50  
per kg



Ham  
€3.40  
per kg



Olives  
€2.89  
per kg



a) From a supermarket Lara bought **1 kilogram of each item**. How much did she spend in all?

€\_\_\_\_.\_\_\_\_

b) How much change did she get from **two €10 notes**?

€\_\_\_\_.\_\_\_\_

c) Her mother bought **200 grams of bacon and 750 grams of ham**. How much did she spend?

€\_\_\_\_.\_\_\_\_

15. Jack leaves Marsaskala to Ċirkewwa at **11.30am**.

First he goes to Valletta and then to Ċirkewwa.

He arrives at Valletta at **12.10pm**.

a) How long did it take him to travel from Marsaskala to Valletta?

\_\_\_\_\_ minutes

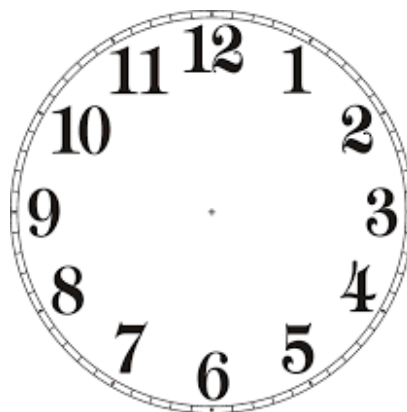
b) He then takes the **12.30pm bus** and arrives at Ċirkewwa at **1.25pm**.

i) Mark this time on the clock.

ii) Write **1.25pm** in 24-hour clock.

\_\_\_\_\_

c) How many **minutes** did he wait at the Valletta terminus?



\_\_\_\_\_ minutes

16. At a jewellery shop:



1 necklace and  
1 bracelet

**€96**



1 ring and  
1 bracelet

**€66**



1 necklace and  
1 ring

**€120**

a. Kristina wants to buy two necklaces, a bracelet and a ring. How much will Kristina spend altogether?

€ \_\_\_\_\_

b. What is the price of 1 necklace?

€ \_\_\_\_\_

**END OF PAPER**

**Marking Scheme**

Written Paper	Nos.	1 - 4	4 × 4 marks = 16 marks
		5 - 12	8 × 5 marks = 40 marks
		13 - 16	4 × 6 marks = <u>24 marks</u>
		TOTAL	<u>80 marks</u>