

ST. Thomas More College

Primary Schools

Half Yearly Examinations

MATHEMATICS WRITTEN

Year 6

February 2016

Time: 1hr 15 minutes

Name: _____

Class: _____

Total Marks:

1. Work out:

a) $264 + 193 =$ _____

b) $130 - 55 =$ _____

c) $46 \times$ _____ $= 4600$

d) $630 \div 5 =$ _____

(4 marks)

2. Rounding:					
e.g.	Round	984	to the <u>nearest ten</u>	→	980
a	Round	1378	to the <u>nearest hundred</u>	→	
b	Round	1378	to the <u>nearest thousand</u>	→	
c	Round	48.4m	to the <u>nearest metre</u>	→	
d	Round	€27.86	to the <u>nearest euro</u>	→	

(4 marks)

3. Using all the following digits only once:		7	3	2	5
e.g.	write the <u>smallest</u> whole number	2357			
a	write the <u>largest</u> whole number				
b	write the <u>smallest</u> possible <u>even number</u>				
c	write an <u>odd</u> number <u>more than 7000</u>				
d	write a number which, when <u>rounded to the nearest 10</u> is <u>3260</u>				

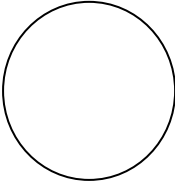
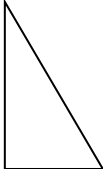
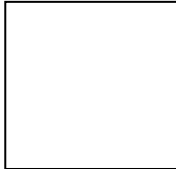

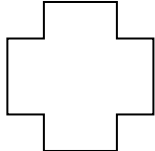
(4 marks)

4. Write the missing numbers:

e.g.	75	x	10	=	750
a	7.5	x	10	=	
b	7.5	x		=	750
c	75	÷	10	=	
d	75	÷		=	0.75

(4 marks)

5. Look at these shapes. Then fill in with the correct answer.

				
Shape A	Shape B	Shape C	Shape D	Shape E
a	Shape		has no lines of symmetry.	
b	Shape		has two lines of symmetry.	
c	Shape		has four lines of symmetry.	
d	Shape		has many lines of symmetry.	
e	Draw the lines of symmetry on Shape E			

(5 marks)

6. Circle the correct estimate of:

a) The height of a classroom door.



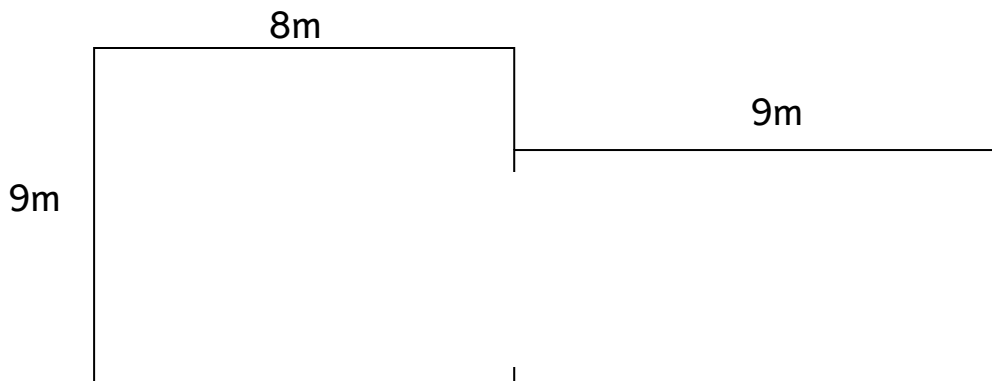
2cm	2mm	2m	2km
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b) The length of a child's shoe



2.2cm	22mm	22cm	22m
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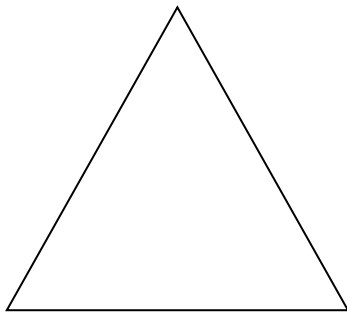
c) This is the shape of a living room.



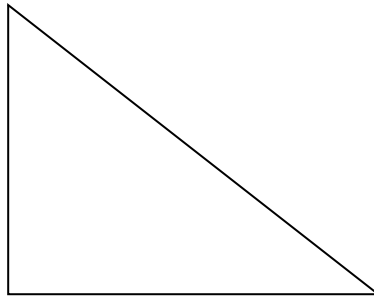
(i)	The longest wall is		m	long.
(ii)	The perimeter of the living room is			m

(5 marks)

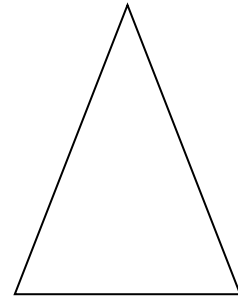
7. Write what kind of triangle is shown in the picture:



A



B



C

a) **A** is _____ triangle.

b) **B** is _____ triangle.

c) **C** is _____ triangle.

d) Use your ruler to draw a Scalene triangle.

e) Fill in the missing word

A Scalene triangle has _____ equal angles.

(5 marks)

8. Tom has 36 stamps. He gives $\frac{1}{4}$ of them to his sister and $\frac{2}{3}$ to his brother.



Show your working



- a) His sister gets _____ stamps.
- b) His brother gets _____ stamps.
- c) How many stamps does Tom have now? _____ stamps
- d) Write your answer in question (C) as a fraction to its lowest terms.

□
—
□

(5 marks)

9. John buys 2.5 litres of orange juice.



a) Change 2.5 litres into millilitres _____ ml



b) How many 200ml glasses can he fill? _____ glasses

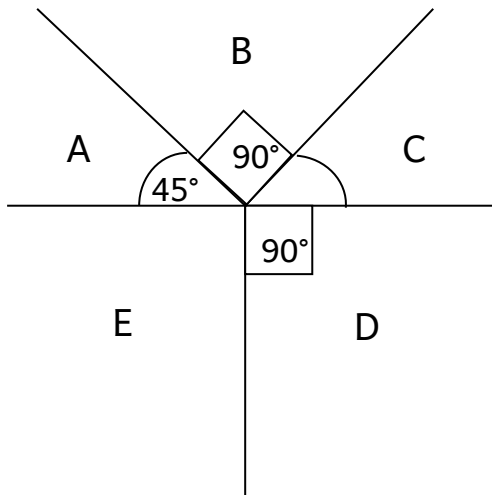
c) How many millilitres of orange juice are left? _____ ml

(5 marks)

10. Fill in the missing angles:

Do not use a protractor

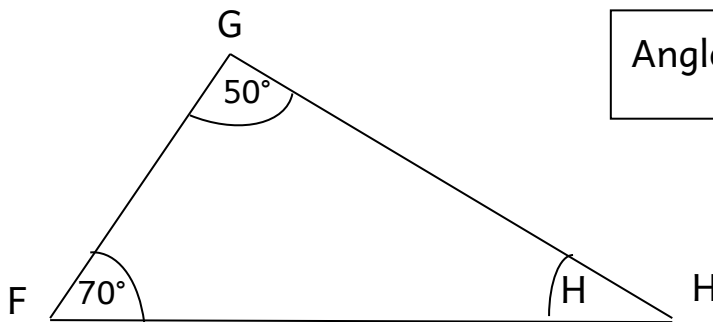
a)



Angle C = _____°

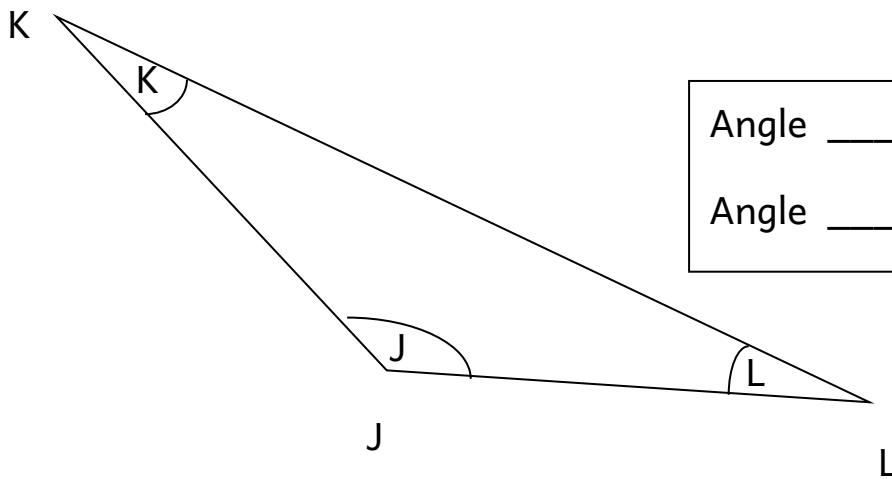
Angle E = _____°

b)



Angle H = _____°

c)



Angle _____ is acute.

Angle _____ is obtuse.

(5 marks)

11. These are the opening times of an Art Gallery.



Monday	Closed
Tuesday to Friday	9.00 a.m. to 6.30 p.m.
Saturday	10.00 a.m. to 4.00 p.m.
Sunday	10.30 a.m. to 2.30 p.m.

a) For how many hours is the Art Gallery open on Saturdays ?

_____ hrs

b) Joe arrived at the Gallery at 5.00 p.m. on a Thursday. He stayed there till closing time. How long did he stay there? Give your answer in minutes.

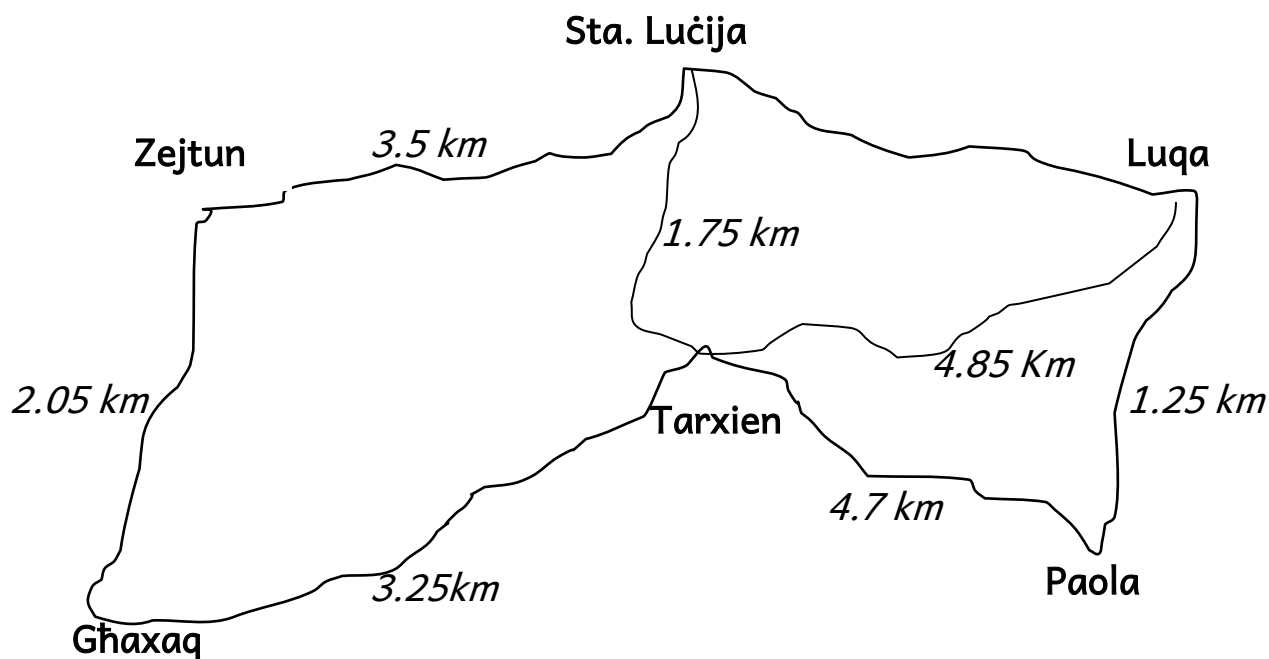
_____ minutes

c) For how many hours is the Gallery open in a week?

_____ hrs

(5 marks)

12. This is a road map with distances from neighbouring towns and villages.



- a) Write the distance for a return journey between Tarxien and Ghaxaq.

_____ km

- b) Find the shortest distance between Ghaxaq and Sta. Lucija.

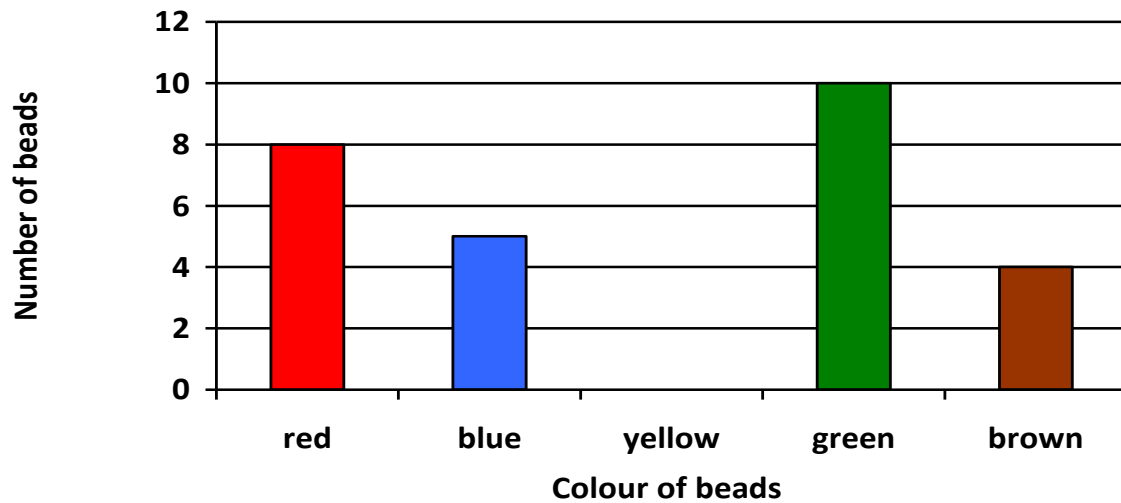
_____ km

- c) The distance for a return journey between Sta. Lucija and Luqa is 5.5 km. Write the distance between the two villages.

_____ km

(5 marks)

13. This graph shows the number of beads in Mary's treasure.



Complete:

- a) Mary has _____ green beads.
- b) The number of red and blue beads altogether is _____.
- c) There are 7 yellow beads in the treasure. Show this information on the graph.
- d) How many more beads does Mary need to save to have a total of 50 beads in her treasure. _____ beads

e) Write your answer as a fraction.

$$\frac{\boxed{}}{\boxed{}}$$

(6 marks)

14. Tom and Kate work in a restaurant.

Show your working



They work 7 hours every day.

They work 6 days every week.

Tom is paid €57.00 a day.

Kate is paid €8.00 an hour.

a) Work out how much Tom and Kate get paid every week.

Tom earns € _____

Kate earns € _____

b) Who earns more Tom or Kate? _____

c) By how much? € _____

(6 marks)

15.



- a) Work out the total weight in kilograms of these three sacks of potatoes.

_____ kg

- b) Change your answer to grams _____ g

- c) The weight of these three sacks was 15 kg each.

Find the amount of potatoes used. Give your answer in kilograms and grams.

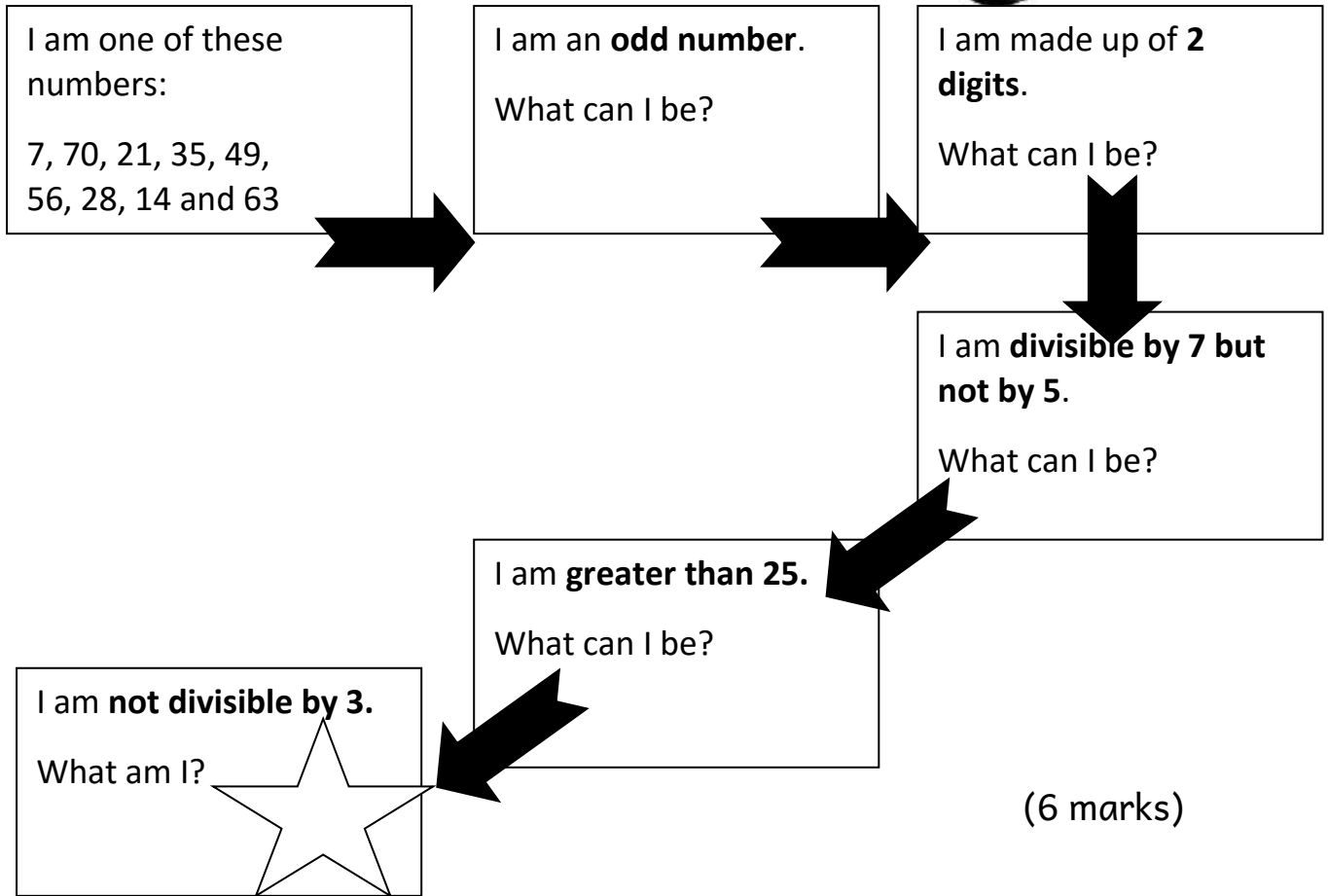
_____ kg _____ g

(6 marks)

16. Who am I ?



Kurt is thinking of a number. Read the clues and find the mystery number.



END OF PAPER

Marking Scheme

Mental Paper	Nos.	1 - 20	20×1 mark = 20 marks
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>100 marks</u>