



ST NICHOLAS COLLEGE
HALF YEARLY PRIMARY EXAMINATIONS
February 2013

YEAR 6

Mathematics (Written Paper)

TIME: 1 h 15 min

Name: _____ Class: _____

Total Mark

80

1. Work out the sums.

Put a (✓) in the box if the answer is **greater than 450**.

Put a (X) if it is not.

The first one has been done for you.

greater than 450

$$100 + 500$$

$$149 + 137 + 158$$

$$911 - 447$$

2. Complete

a) $49 \times 3 =$ <input type="text"/>	b) $23 \times$ <input type="text"/> $= 92$
c) $840 \div 5 =$ <input type="text"/>	d) <input type="text"/> $\div 7 = 17$

3. Fill in

a)	2725.6 to the nearest whole number	
b)	2725.6 to the nearest 10	
c)	2725.6 to the nearest 100	
d)	2725.6 to the nearest 1000	

4. Write the missing numbers

a)	<input type="text"/>	\div	100	=	0.75
b)	11	\div	10	=	<input type="text"/>
c)	<input type="text"/>	\div	100	=	1.48
d)	232	\div	<input type="text"/>	=	23.2

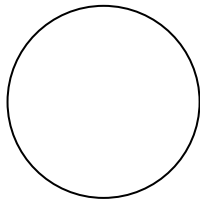
5. a) Peter sells ribbon at 63c per metre. Mum buys **7 metres** of ribbon. How much does she pay?

b) Ben sells **6 metres** ribbon for €4.20. How much does 1 metre of ribbon cost?

c) Who sells the **cheaper** ribbon, Peter or Ben?



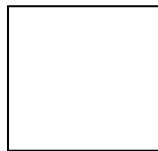
6. Look at these shapes. There can be more than one correct answer. Choose one.



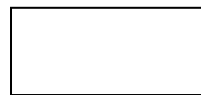
Shape A



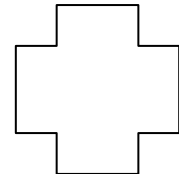
Shape B



Shape C



Shape D



Shape E

- a) Shape _____ has **no** lines of symmetry.
- b) Shape _____ has **two** lines of symmetry only.
- c) Shape _____ has **four** lines of symmetry only.
- d) Shape _____ has **many** lines of symmetry.
- e) Draw all the lines of symmetry on **Shape E**.

7. Underline the correct **estimation**.

a) The height of a classroom door.

2cm 2 mm 2m 2km



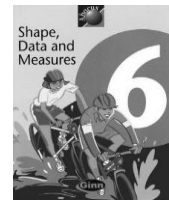
b) The length of a child's shoe.

2.2cm 22mm 22 cm 22m



c) The weight of the Maths textbook 'Shape, Data and Measures'.

2.4g 240g 2400g 240kg



d) The weight of 10 pears and 10 oranges.

15kg 4kg 8000g 500g

8. a) Kate takes half an hour to walk from home to school.

She arrives at school at 8:25am.

At what time did she leave home?



_____ am

b) Tom leaves school at half past two.

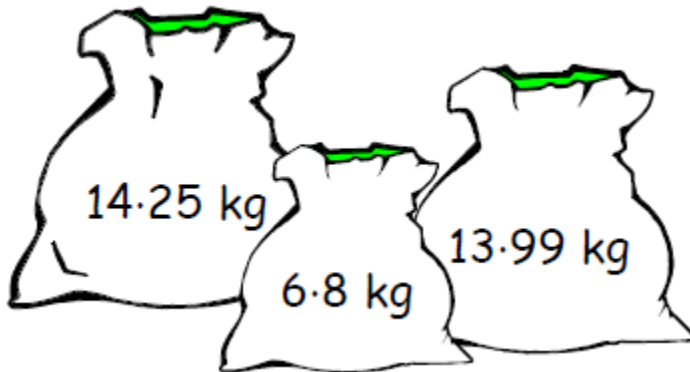
He arrives home at ten past three.

How many minutes did it take him to get home?



_____ minutes

9. a) Work out the total weight in kilograms of the amounts shown on these three sacks of potatoes.



_____ kg

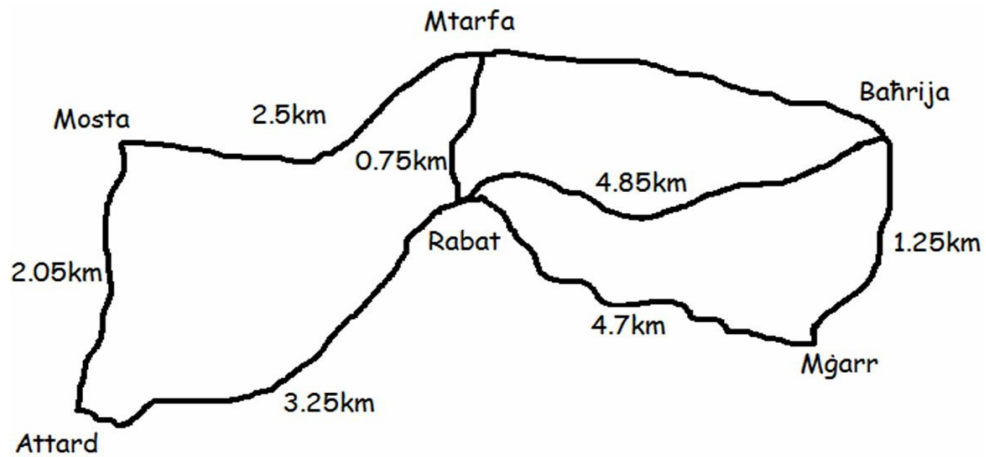
- b) Change your answer to grams.

_____ g

- c) The **original** weight of **each** sack of potatoes was 15 kilograms. Find the total amount of potatoes **used**. Give your answer in kilograms and grams.

_____ kg _____ g

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



a) Write the distance for a **return** journey between Rabat and Mġarr.

b) Find the **shortest** distance between Attard and Mtarfa.

c) The distance for a return journey between Mtarfa and Baħrija is 3.5km. Write the distance between the two villages.

11. Mary has 48 computer games. She gives $\frac{3}{8}$ of them to her friend Joan and $\frac{1}{4}$ to her sister Susan.



a) How many games does Mary have now?

b) She gives **half of the remaining** games to another friend. How many does she have now?

12. John has been collecting **10c coins** while Mary has been collecting **5c coins** since they were very young. John has 2695 coins and Mary has 3348 coins.

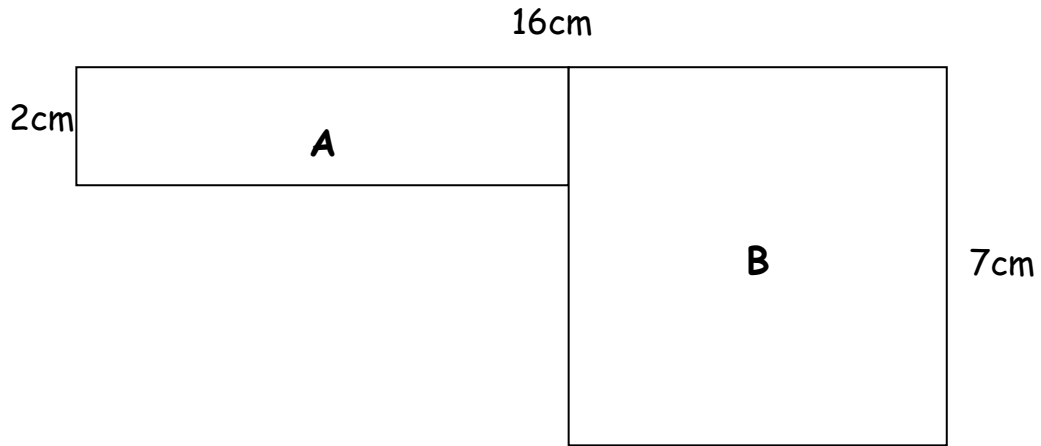
a) How many **more coins** does Mary have?

b) How much **more money** does John have?

c) How much money do they have **altogether**?

13. Do not use a ruler to answer this question.

This shape is made up of **Rectangle A** and **Square B**.

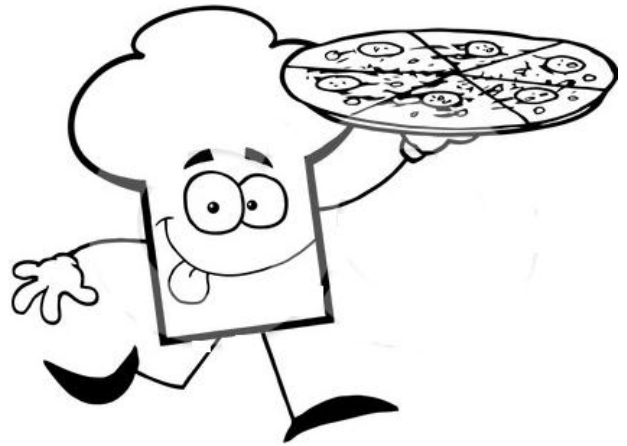


a) Rectangle A is 2cm wide and _____ cm long.

b) The area of Square B is _____ cm^2 .

c) The total area of the whole shape is _____ cm^2 .

14. To celebrate his birthday John has a budget of €74. He decides on a pizza party at home.



John needs to place the order. He has two options how he can spend all the money on pizza **without receiving any change**. Can you find the two options for John?

Option 1.

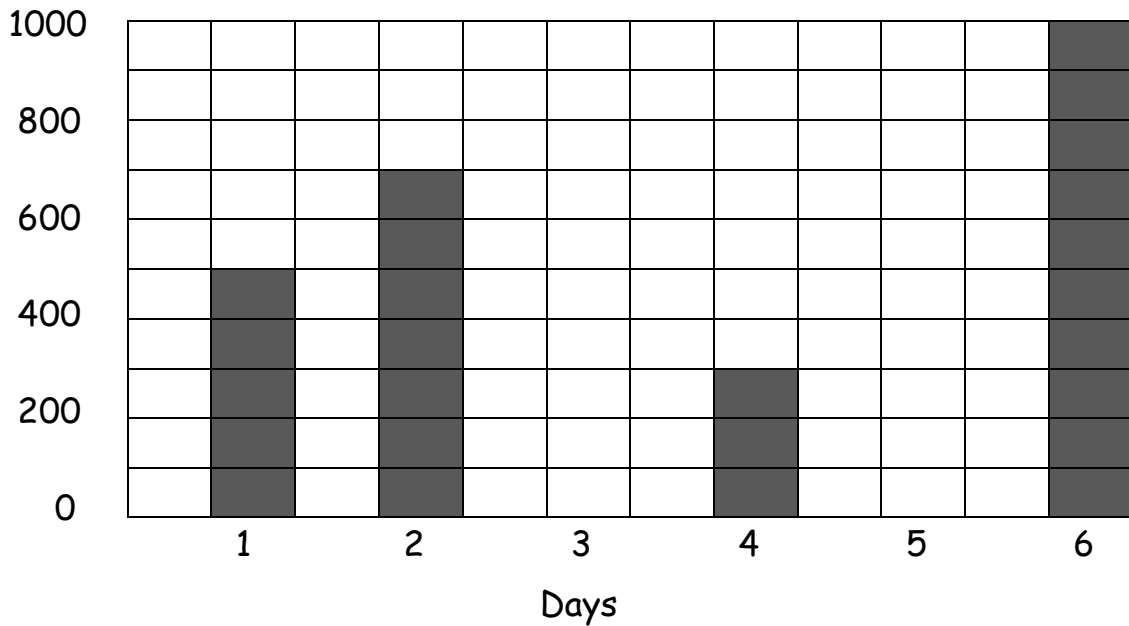
_____ large pizza and _____ small pizza.

Option 2.

_____ large pizza and _____ small pizza.

15. The graph and the table below show the amount of bookings a hotel had for the first six days in May.

Bookings



Days	1	2	3	4	5	6	Total
Bookings	500	700	800	300	700	_____	_____

- Fill in the table for day 6 from the graph.
- Find the total number of bookings and fill in the table.
- Complete** the graph for days 3 and 5 from the table.
- Write the number of bookings on day 3 as a fraction of the total number of bookings. Write the fraction in its **lowest terms**.

16. Who am I?

Note: I am a number between 35 and 58.

Follow **all the clues** below to guess who I am.

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
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

I am divisible by 8.

I am not divisible by 5.

I am not divisible by 3.

I have one odd and one even digit.



I am

End of paper

Marking Scheme	1 - 4	4 marks each	(16 marks)
	5 - 12	5 marks each	(40 marks)
	13 - 16	6 marks each	(24 marks)