

**KULLEĠĠ SAN BENEDITTU**  
**Boys Secondary School, Kirkop**

Core  
Curriculum  
Programme

**HALF-YEARLY EXAMINATIONS – FEBRUARY 2014**

FORM 3

**MATHEMATICS** CCP

TIME: 45 mins

**Main Paper**

Question	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Main	NC	Global Mark
Mark																		

**DO NOT WRITE ABOVE THIS LINE**

**NAME AND SURNAME:** \_\_\_\_\_ **CLASS:** \_\_\_\_\_

**INSTRUCTIONS TO CANDIDATES:**

**Read all the questions carefully before you start answering.**

- Answer all questions.
- This paper carries 75 marks.
- Calculators and mathematical instruments are allowed but all necessary working must be shown.

1. a) Choose the **correct value** of the numbers underlined:

i) **327** ( 200, 2, 20, 2000 )

ii) **4356** ( 40, 400, 4, 4000 )

b) i) Fill in the next number: 4, 6, 8, 10, \_\_\_\_

ii) Underline: The above set of numbers is ( odd, even).

(4 marks)

2. a) Put in order, **largest first**:

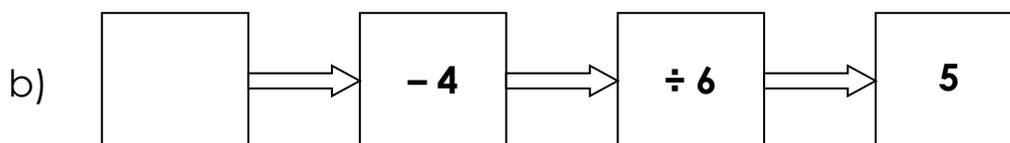
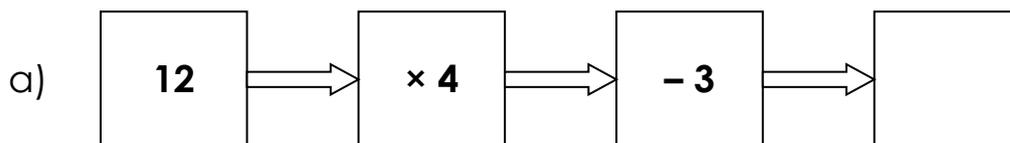
<b>3130</b>	<b>33</b>	<b>3100</b>	<b>331</b>	<b>3310</b>

b) Put in order, **smallest first**:

<b>2.05</b>	<b>1.9</b>	<b>2.1</b>	<b>2.23</b>	<b>1.99</b>

(6 marks)

3. Complete these **number machines**:



(5 marks)

4. a) Use your **calculator** to work out: **9.23 × 6.16 =** \_\_\_\_\_

Now give your answer to the **nearest whole number**: \_\_\_\_\_

b) Use your **calculator** to work out: **6384 ÷ 4 =** \_\_\_\_\_

Now give your answer to the **nearest hundred**: \_\_\_\_\_

(4 marks)

5. a) Continue the **sequences**:

(i) 2, 6, 10, 14, \_\_\_\_\_, \_\_\_\_\_

(ii) 1, 3, 6, 10, 15, \_\_\_\_\_, \_\_\_\_\_

(iii) 80, 40, 20, \_\_\_\_\_, \_\_\_\_\_

b) Look at this sequence: **2, 5, 8, 11, 14, ...**

The rule is \_\_\_\_\_

(8 marks)

6. There are **24 hours** in a day.

We need to sleep for  $\frac{3}{8}$  of the day.

How many hours should we spend sleeping?



**Answer:** \_\_\_\_\_

(3 marks)

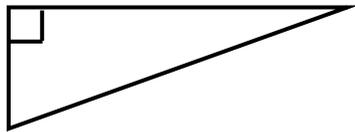
7. Round:

To the nearest 10	To the nearest 100	To the nearest 1000	To the nearest whole
56	375	3245	65.3

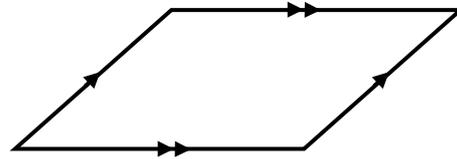
(4 marks)

8. Write down the **name** of each shape. Use the words below.

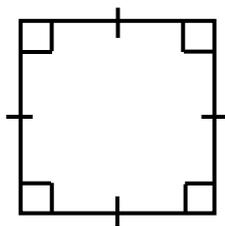
**Parallelogram, square, isosceles triangle, right-angled triangle**



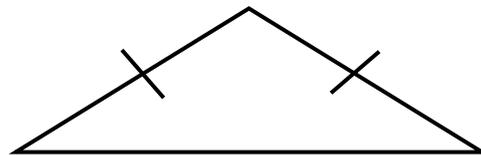
\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_

(4 marks)

9. Fill in.

Change to decimals	
76%	
$\frac{95}{100}$	

Change to fractions	
50%	
0.8	

Change to percentages	
$\frac{65}{100}$	
0.32	

(6 marks)

10.



A bear weighs  
**394 kg.**



A bull weighs  
**533 kg.**

Fill in: The bull weighs \_\_\_\_\_ kg **more** than the bear.

(2 marks)

11. There are **240 teenagers** at the disco.  
**55%** of them are **girls**.

a) How many girls are there?



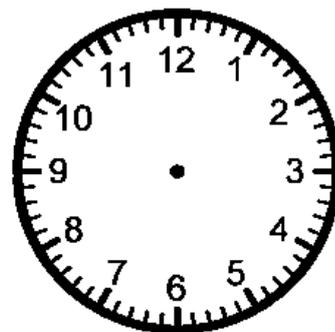
**Answer:** \_\_\_\_\_

b) How many boys are there?

**Answer:** \_\_\_\_\_

(4 marks)

12. Draw the hands on the clock face  
to read **04:15**.



(2 marks)

13. Write down the following times in **12** and **24 hr clock**.

		<b>12 hr</b>	<b>24 hr</b>
a)	 <p style="text-align: right; margin-right: 10px;"><b>pm</b></p>		
b)	 <p style="text-align: right; margin-right: 10px;"><b>am</b></p>		

(6 marks)

14. a) How many months are there in 1 year? \_\_\_\_\_

b) Which is the shortest month? \_\_\_\_\_

c) How many days does June have? \_\_\_\_\_

d) Mention a month which has 31 days. \_\_\_\_\_

e) True or False:

		<b>True</b>	<b>False</b>
i	1 week has 10 days		
ii	The month after July is August		
iii	February always has 28 days		
iv	Wednesday is the day before Thursday		
v	The first month of the year is January		

(9 marks)

15. Mario and Amy went to BEN's Café.  
Use the menu to fill in their bill.

<b>BEN's CAFÉ</b>	
Sandwich.....€0.80	Tuna Roll..... €1.15
Meat Pie.....€2.25	Chicken Wrap.....€2.30
Chicken Salad..€5.60	Ham Salad.....€3.10
Ice Cream.....€1.50	Fruit Salad.....€2.35
Water.....€0.80	Fruit Juice.....€0.95

<b>Mario and Amy's Bill</b>	
Write down the price of each item:	
	<b>Price</b>
<b>Tuna Roll</b>	_____
<b>Chicken Wrap</b>	_____
<b>Fruit Juice</b>	_____
<b>Water</b>	_____
Work out the total price:	
<b>Total</b>	_____
Work out the change from €10:	
<b>Change</b>	_____

(8 marks)

**END OF EXAM**