

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**:

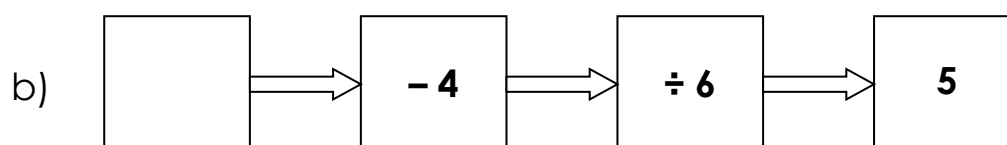
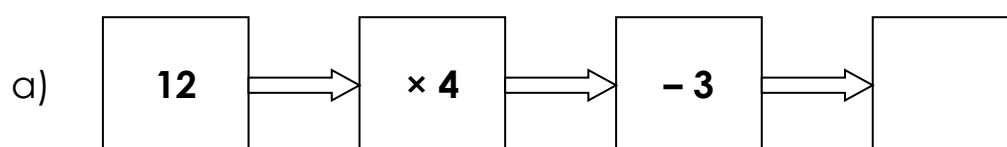
3130	33	3100	331	3310

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

2.05	1.9	2.1	2.23	1.99

(6 marks)

3. Complete these **number machines**:



(5 marks)

4. a) Use your **calculator** to work out: **$9.23 \times 6.16 =$** _____

Now give your answer to the **nearest whole number**: _____

b) Use your **calculator** to work out: **$6384 \div 4 =$** _____

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, ...**

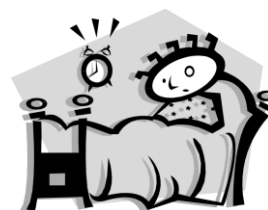
The rule is _____

(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)

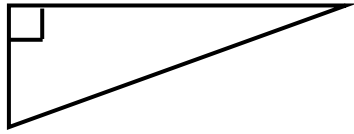
7. Round:

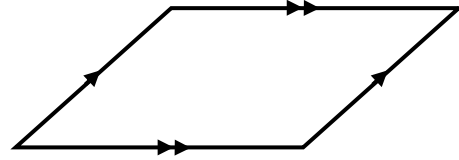
To the nearest 10	To the nearest 100	To the nearest 1000	To the nearest whole
56	375	3245	65.3

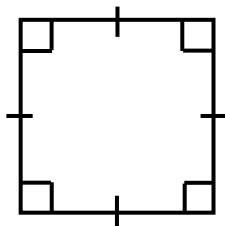
(4 marks)

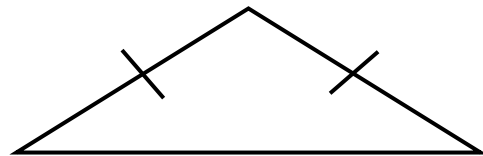
8. Write down the **name** of each shape. Use the words below.

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?



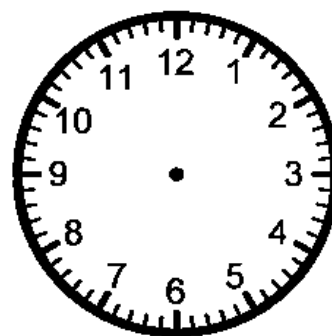
Answer: _____

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**.

		12 hr	24 hr
a)	 <p>pm</p>		
b)	 <p>am</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:

		True	False
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.

BEN's CAFÉ	
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

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

(8 marks)

END OF EXAM