

KULLEĠĠ SAN BENEDITTU
Boys Secondary School, Kirkop

Levels
7-8

HALF-YEARLY EXAMINATIONS – FEBRUARY 2014

FORM 2

MATHEMATICS
Levels 7-8

TIME: 30mins

Non Calculator Paper

Question	1	2	3	4	5	6	7	8	9	10	11	Total
Max. Mark	2	2	2	2	2	3	2	2	2	2	4	25
Mark												

DO NOT WRITE ABOVE THIS LINE

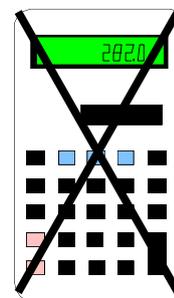
NAME AND SURNAME: _____

CLASS: _____

INSTRUCTIONS TO CANDIDATES:

Read all the questions carefully before you start answering.

- Answer all questions.
- This paper carries 25 marks.
- **Calculators, protractors** and other mathematical instruments are **NOT ALLOWED.**
- On your desk you should have nothing except for **pen, pencil, ruler** and the **examination paper.**



1. Work out the H.C.F. of 84, 63 and 21.

Ans: _____
(2 marks)

2. Work out the following : $\sqrt{100} - 3^2$

Ans: _____
(2 marks)

3. One week a car dealer sold 50 cars. The following week he sold 12% **more**.

(a) How many **more** cars did he sell in the second week?



Ans: _____

(b) What was the amount of cars he sold **in the second week**?

Ans: _____
(2 marks)

4. Draw the number that the LOGO turtle draws :

PD FD 80 LT 90 FD 30 LT 90 FD 30

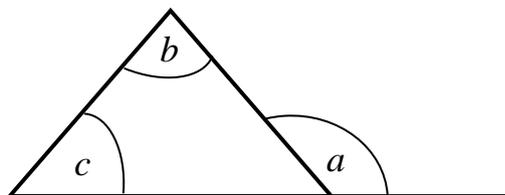
(2 marks)

5. Find the value of $30 \times 24 - 12$

Ans: _____

(2 marks)

6.



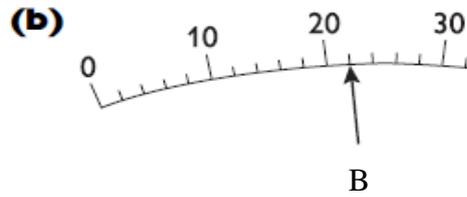
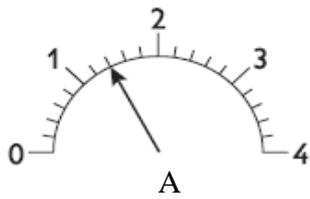
(a) Write down a formula for a in terms of b and c .

(b) Work out the value of a if $b = 60^\circ$ and $c = 50^\circ$

Ans: _____

(3 marks)

7. Read the values of A and B on the following scales:



Ans: A = _____

Ans: B = _____

(2 marks)

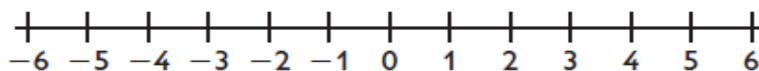
8. Put these numbers in order, from smallest to largest:

$$\frac{3}{4}, \frac{1}{3}, \frac{1}{2}, \frac{1}{5}$$

Ans: _____

(2 marks)

9. Mark $x \geq -4$ on the following number line.



(2 marks)

10. Estimate : $\frac{39 \times 21.3}{1.956}$

Ans: _____

(2 marks)

11. Find the **mean, mode, median** and **range** for the following set of numbers :

2, 3, 0, 1, 4, 0, 1, 3, 2, 1, 0, 1.

Ans: (a) Mean = _____

(b) Mode = _____

(c) Median = _____

(d) Range = _____

(4 marks)
