

KULLEĠĠ SAN BENEDITTU
Boys Secondary School, Kirkop

Levels

6-7

HALF-YEARLY EXAMINATIONS – FEBRUARY 2014

FORM 2

MATHEMATICS

TIME: 30mins

Levels 6-7

Non Calculator Paper

Question	1	2	3	4	5	6	7	8	9	Total
Mark										

DO NOT WRITE ABOVE THIS LINE

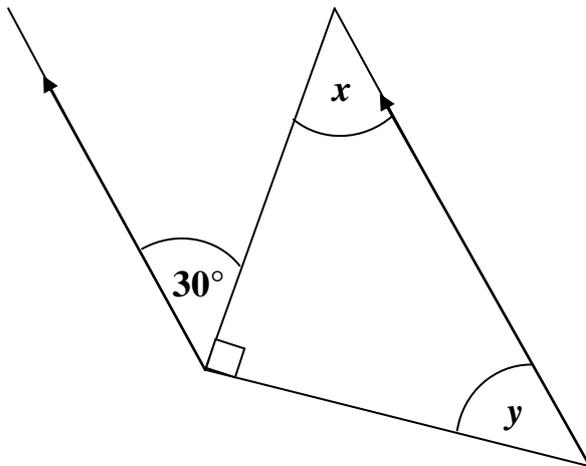
- **Answer all the questions.**
 - **This paper carries a total of 25 marks.**
 - **Calculators and protractors are not allowed.**
-

1. Work out the **HCF** of 48 and 42.

Ans: _____

(2 marks)

2. Find the size of angle x and angle y . **Give reasons** for your answer.



$x =$ _____

Reason: _____

$y =$ _____

Reason: _____

(4 marks)

3. Arrange in **ascending order**.

$$\frac{3}{10}, \frac{4}{50}, 0.13$$

Ans: _____

(2 marks)

4. Work out 75% of 200.

Ans: _____

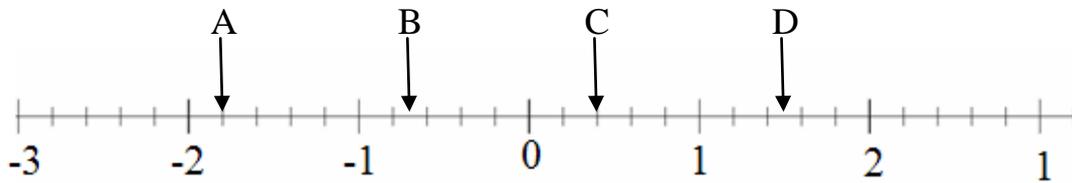
(2 marks)

5. Fill in the missing Logo commands for the turtle to draw a rectangle.

Repeat ____ [fd 50 rt ____ fd 100 rt 90]

(1 mark)

6. Find the value of **A**, **B**, **C** and **D** on this number line.



A = _____

B = _____

C = _____

D = _____

(4 marks)

7. Simplify the following:

a) $2(x + 1) + 4 =$ _____

b) $7y + 3x + 2x + 2y =$ _____

c) $3a + 2d - a + 4c - 3d + c =$ _____

(3 marks)

8. a) Continue this sequence:

-3, -1, 1, 3, _____, _____, _____

b) Write the rule for the above sequence in words.

(4 marks)

9. Work out and simplify your answer.

$$\frac{4}{7} + \frac{2}{6} =$$

Ans: _____

(3 marks)

END OF NON CALCULATOR PAPER