

KULLEGĠ SAN BENEDITTU
Boys Secondary School, Kirkop

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HALF-YEARLY EXAMINATIONS – FEBRUARY 2013

FORM 4

MATHEMATICS Scheme D

TIME: 20 mins

Non Calculator Paper

Question	1	2	3	4	5	Total
Max. Mark	4	5	5	4	2	20
Mark						

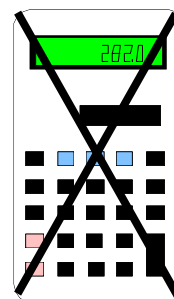
DO NOT WRITE ABOVE THIS LINE

NAME AND SURNAME: _____ **CLASS:** _____

INSTRUCTIONS TO CANDIDATES:

Read all the questions carefully before you start answering.

- Answer all questions.
- This paper carries 20 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**.
- You are not required to show your working. However, space for working is provided if you need it.



1. Work out:

(a) $4 - (24 \div 4)$

Ans: _____

(b) $62.01 \div 300$

Ans: _____

(4 marks)

2. (a) Fill in: $3.7 \text{ kg} = \text{_____ g}$

(b) (i) How many 100g are there in 1kg ?

Ans: _____

(ii) If 100g of cheese costs €1.65, how much does 1kg of the same cheese cost?

Ans: €_____

(5 marks)

3. (a) Fill in:

$$\frac{12}{30} = \frac{\quad}{15}$$

and

$$\frac{3}{5} = \frac{9}{\quad}$$

- (b) Find a fraction between $\frac{12}{30}$ and $\frac{3}{5}$.

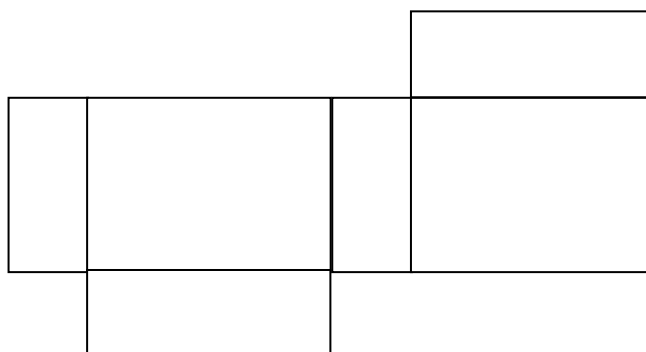
Ans: _____

- (c) Work out: $\frac{7}{10} - \frac{2}{5}$

Ans: _____

(5 marks)

4. (a) What solid will the following net form?



Ans: _____

- (b) When folded, the above solid will have:

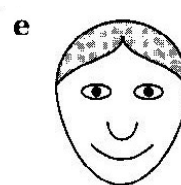
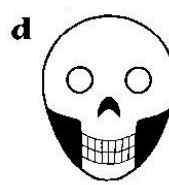
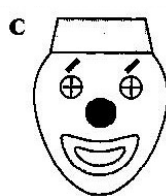
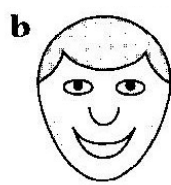
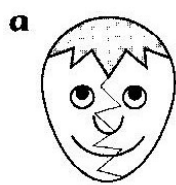
_____ faces

_____ edges

_____ vertices

(4 marks)

5. Look at these painted eggs. Which of them are **not** drawn symmetrical?



Ans: ____ and ____

(2 marks)

THE END