

KULLEĠĠ SAN BENEDITTU
Boys Secondary School, Kirkop

Levels
7-8

HALF-YEARLY EXAMINATIONS – FEBRUARY 2014

FORM 1

MATHEMATICS
Levels 7-8

TIME: 30 mins

Non Calculator Paper

| | | | | | |
|------------------|----------|----------|----------|-----------|--------------|
| Question | 1 | 2 | 3 | 4 | Total |
| Max. Mark | 7 | 2 | 6 | 10 | 25 |
| Mark | | | | | |

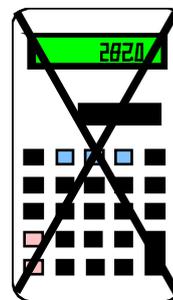
DO NOT WRITE ABOVE THIS LINE

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. The following table shows the prices for some activities:



| |
|--|
| Ballet classes: €78 per month |
| Piano lessons: €82 for 2 months |
| Gym membership: €47 per month |



a) How much will it cost Rebecca to do **ballet classes** for **11 months**?

Ans: _____

b) How much will Mario pay for **6 months** of **piano lessons**?

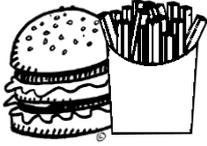
Ans: _____

c) **Estimate** Jamie's cost for **6 months gym membership**.

Ans: _____

(7 marks)

2.

| | | |
|---|---|---|
|  |  |  |
| Burger + Chips €3.50 | Chips + Soft drink €2.50 | Burger + Chips + Soft drink €4.50 |

Calculate the cost of a **soft drink only**.

Ans: _____

(2 marks)

3. Fill in the blanks:

a) $100,000 = 10^{\square}$

b) $42,000 \div 100 = \underline{\hspace{2cm}}$

c) $120 \times \underline{\hspace{2cm}} = 36,000$

d) $\left(\frac{1}{4}\right)^2 = \underline{\hspace{2cm}}$

e) $\sqrt[3]{27} = \underline{\hspace{2cm}}$

f) 7.36 rounded to 1 decimal place is $\underline{\hspace{2cm}}$

(6 marks)

4. Work out:

a) $2048 \div 24 =$ _____

b) $\frac{5}{15} \times \frac{3}{10} =$ _____

c) $\frac{3}{4} + \frac{1}{5} =$ _____

d) $\frac{9}{12} + \frac{2}{10} =$ _____

e) What do you notice about the answers of part (c) and (d)? Give a reason to explain your answer.

(10 marks)

END OF NON CALCULATOR PAPER