



ST NICHOLAS COLLEGE  
RABAT MIDDLE SCHOOL  
HALF YEARLY EXAMINATIONS

February 2016

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**YEAR 7**

**MATHEMATICS**  
**Levels 7 – 8**

**Time: 30 mins**

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***Non Calculator Paper***

Name: \_\_\_\_\_

Class: \_\_\_\_\_

Question	1	2	3	4	5	TOTAL
Mark						

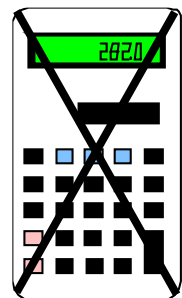
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**INSTRUCTIONS TO CANDIDATES:**

**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**.



1. (a) Fill in the blanks:

$$0.24 = \underline{\hspace{2cm}}\% = \frac{\boxed{\hspace{2cm}}}{100} = \frac{6}{\boxed{\hspace{2cm}}}$$

(b) Change  $\frac{3}{20}$  to a **decimal**.

**Answer:** \_\_\_\_\_

(c) Work out  $\frac{5}{8}$  of 32 m.

**Answer:** \_\_\_\_\_ m

(d) Find 10% of €240.

**Answer:** € \_\_\_\_\_

(e) Work out  $\frac{3}{4} + \frac{1}{8} - \frac{1}{2}$

**Answer:** \_\_\_\_\_

(f) Work out  $\frac{2}{5} \times \frac{10}{7}$

**Answer:** \_\_\_\_\_

(9 marks)

2. (a) I buy 2 pens costing 74c each and a diary costing €3.60.  
What **change** do I get from €10?

**Answer:** \_\_\_\_\_

- (b) A packet of 6 cereal bars costs €2.88. What is the cost of 1 cereal bar?

**Answer:** \_\_\_\_\_

(5 marks)

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3. The area of an island is 250 km<sup>2</sup>.

The area of another island is 899 km<sup>2</sup>.

- (a) What is the **difference** between the above areas?

**Answer:** \_\_\_\_\_ km<sup>2</sup>

- (b) Write down your answer to part (a) in **words**.

**Answer:** \_\_\_\_\_

\_\_\_\_\_

(3 marks)

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4. Find the value of seventy eight **multiplied by itself**.

**Answer:** \_\_\_\_\_

(2 marks)

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5. (a) **Write the values** of each of the following numbers on the lines provided.

4 billion

$10^4$

$50,000 \div 20$

$36 \times 1000$

$5^3$

\_\_\_\_\_

\_\_\_\_\_

(b) Put the above numbers **in order, smallest first**.

**Smallest first:** \_\_\_\_\_

(6 marks)

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**END OF NON CALCULATOR PAPER**

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