



**ST NICHOLAS COLLEGE  
RABAT MIDDLE SCHOOL  
HALF YEARLY EXAMINATIONS**

CCP

*February 2016*

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**Year 7**

**MATHEMATICS (Main Paper)**

**TIME: 1 hour**

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**Name:** \_\_\_\_\_ **Class:** \_\_\_\_\_ **Register Number:** \_\_\_\_\_

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Question	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Main	Non Calc	Global Mark
Mark																	

**INSTRUCTIONS TO CANDIDATES:**

Read all the questions carefully before you start answering.

- Answer all questions.
  - This paper carries 75 marks.
  - Calculators and mathematical instruments are allowed but all necessary working must be shown.
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1. a) Write these numbers in figures:

i) seventy nine

\_\_\_\_\_

ii) two hundred and forty eight

\_\_\_\_\_

b) Match the following:

i) 13

forty six

ii) 27

eighty four

iii) 84

thirteen

iv) 46

twenty seven

(5 marks)

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2. a) Round **to the nearest €10**:

i) €57 = €\_\_\_\_\_

ii) €33 = €\_\_\_\_\_

b) i) Change into **Euro (€)**

504c = € \_\_\_\_\_

ii) Change into **cent (c)**

€1.25 = \_\_\_\_\_ c

(4 marks)

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

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3. a) Write the numbers in order, **starting from the largest**.

36, 49, 7, 28

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

- b) Write these numbers in order, **starting from the smallest**.

8.3, 4.6, 4.3, 5.8

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

(4 marks)

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4. a) Choose from the numbers:

3, 10, 19, 46

i) The **odd** numbers are \_\_\_\_\_ and \_\_\_\_\_.

ii) The **even** numbers are \_\_\_\_\_ and \_\_\_\_\_.

- b) List **all** the **factors** of 10 from the list below.

1, 2, 3, 4, 5, 6, 7, 8, 9, 10

Ans: \_\_\_\_\_

(8 marks)

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5. Continue the pattern:

a) 65, 66, 67, \_\_\_\_\_

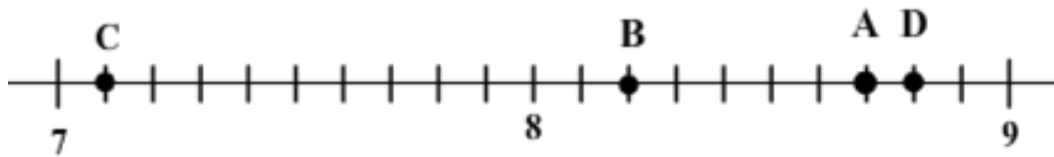
b) 39, 41, 43, \_\_\_\_\_

c) 36, 46, 56, \_\_\_\_\_

(3 marks)

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6. a) Look at the number-line.



i) Write the values of the points:

A = \_\_\_\_\_

B = \_\_\_\_\_

C = \_\_\_\_\_

D = \_\_\_\_\_

ii) On the above number-line, **mark the points** E = 7.9 and  
F = 8.5

b) Fill in:

i)  $0.3 = \frac{3}{\boxed{\phantom{00}}}$

ii)  $0.5 = \frac{1}{\boxed{\phantom{00}}}$

(8 marks)

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

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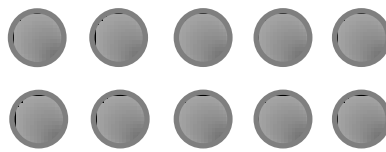
7. What is the **value of the number 4**?

a)  $416 =$  \_\_\_\_\_

b)  $342 =$  \_\_\_\_\_

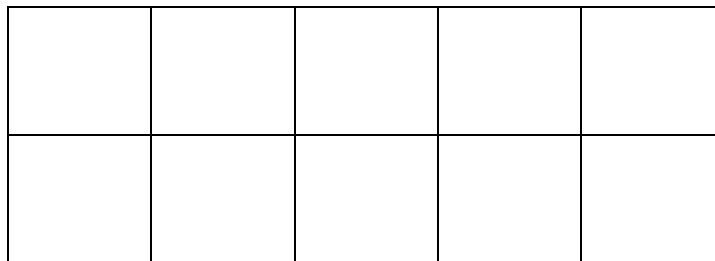
(2 marks)

8. a) **Divide** 10 marbles **into 2 equal parts**.



Ans: \_\_\_\_\_

b) i) **Shade**  $\frac{2}{5}$  of this rectangle.

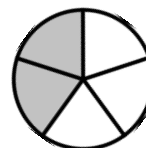


ii) Find the **equivalent fraction** of

$$\frac{2}{5} = \frac{4}{\quad}$$

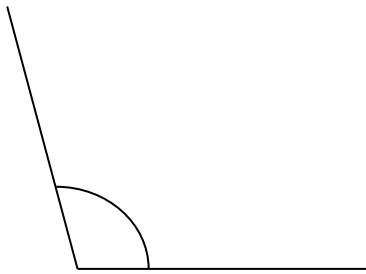
iii) Make **1 whole**

$$\frac{2}{5} + \text{_____} = 1$$

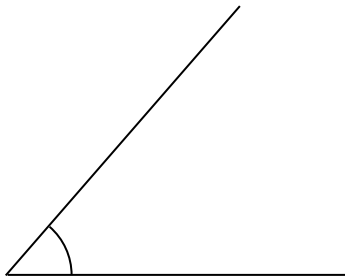


(8 marks)

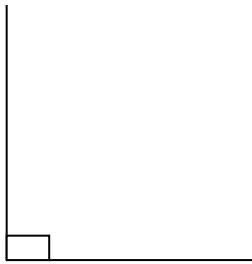
9. a) **Match** the following:



an angle of  $90^\circ$



an angle bigger than  $90^\circ$
















an angle smaller than  $90^\circ$

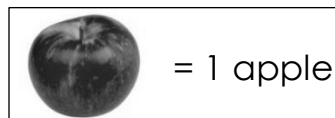
b) Mark all the **right angles** inside the rectangle.



(5 marks)

10. The pictogram shows how many apples a group of friends eat each day.

Monday					
Tuesday					
Wednesday					
Thursday					
Friday					



- a) The **total** number of apples is \_\_\_\_\_.
- b) They eat **most** apples on \_\_\_\_\_.
- c) They eat the **least** number of apples on \_\_\_\_\_.
- d) If they eat another 4 apples during the weekend, what is the **new total**? \_\_\_\_\_

(6 marks)

11. Look at the pictures.



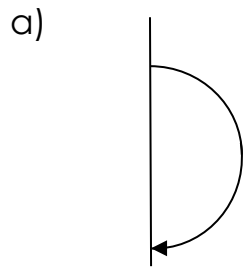
a) How many balloons can you see? \_\_\_\_\_

b) Your answer can be written as  $3 \times \square = \square$

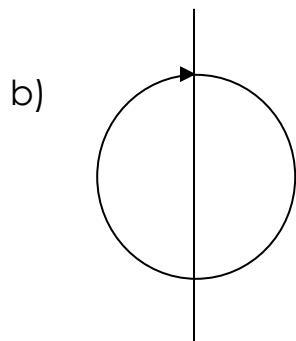
c) To get 20 balloons, we need \_\_\_\_\_ more.

(5 marks)

12. Which angle shows a **whole turn** and which arrow shows a **half turn**?



Ans: \_\_\_\_\_



Ans: \_\_\_\_\_

(2 marks)

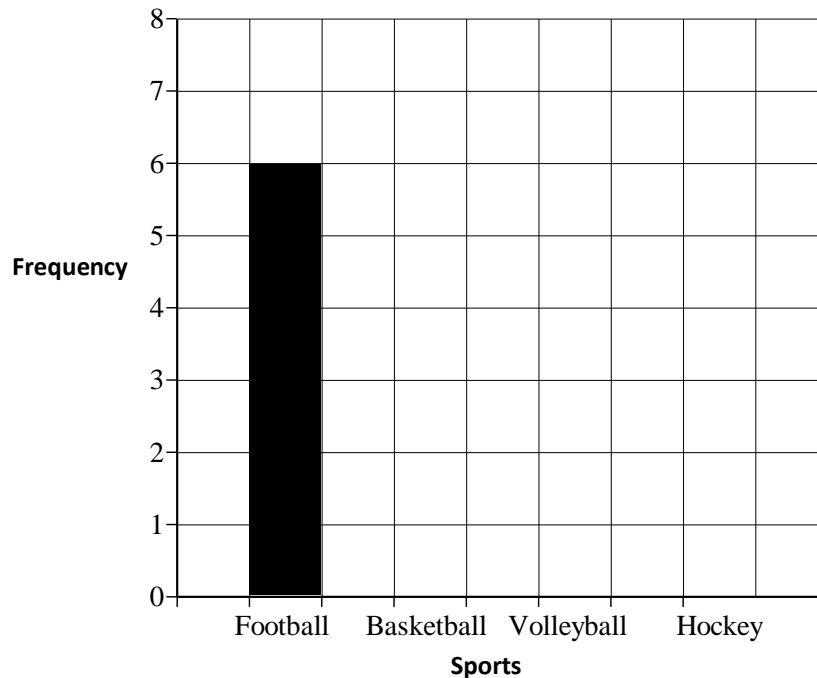


13. a) From the data below, **complete the frequency table.**

<b>Football</b>	<b>Hockey</b>	<b>Football</b>	<b>Basketball</b>	<b>Football</b>
<b>Basketball</b>	<b>Volleyball</b>	<b>Football</b>	<b>Volleyball</b>	<b>Volleyball</b>
<b>Basketball</b>	<b>Football</b>	<b>Hockey</b>	<b>Football</b>	<b>Basketball</b>

<b>Sports</b>	<b>Number of games</b>
Football	6
Basketball	
Volleyball	
Hockey	
<b>Total</b>	

b) Draw the bar chart:

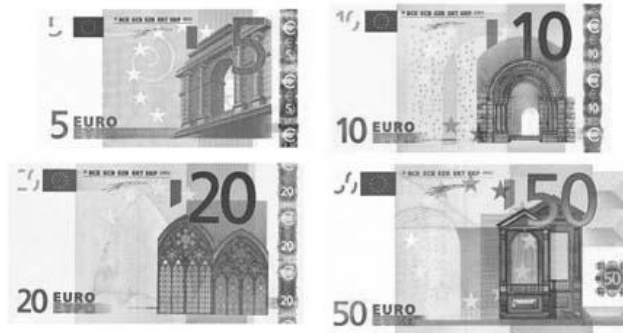


(10 marks)

14. a) Amy is going to buy a shirt which costs €15.



To pay for the shirt, Amy uses the € \_\_\_\_ note and the € \_\_\_\_ note.



b) Which **three coins** should Amy use to buy sweets for **32c**?



\_\_\_\_\_ c, \_\_\_\_\_ c and \_\_\_\_\_ c

(5 marks)

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**END OF PAPER**