



ST NICHOLAS COLLEGE  
RABAT MIDDLE SCHOOL  
HALF YEARLY EXAMINATIONS  
February 2017

CCP

Year 7

MATHEMATICS

TIME: 1 h

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

**Main Paper**

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

**DO NOT WRITE ABOVE THIS LINE**

**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.

1 a) Write 79 in **words**.                      Ans: \_\_\_\_\_

b) Write seventeen in **figures**.                      Ans: \_\_\_\_\_

c)  $473 = 400 + \underline{\quad\quad} + 3$

(3 marks)

2. a) Continue the patterns:

\* \* ◇ ◇ ◇ \* \_\_\_\_\_ ◇ ◇ ◇ \* \* \_\_\_\_\_

△ □ ○ △ \_\_\_\_\_ ○ △ □ \_\_\_\_\_

b)



Choose from above:

**Odd numbers:** \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

**Numbers in 3-times table:** \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

**Numbers in 4-times table:** \_\_\_\_\_, \_\_\_\_\_

**Numbers less than 14:** \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

**A factor of 10:** \_\_\_\_\_

(12 marks)

3. Work out:

a)  $5.8 + 7.2$   
\_\_\_\_\_  
\_\_\_\_\_

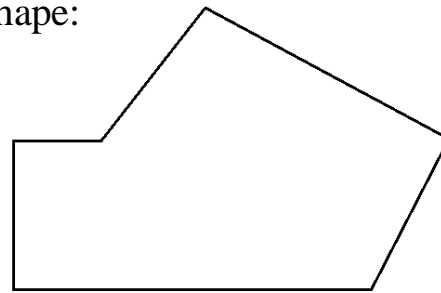
b) **Double**  $25 =$  \_\_\_\_\_

c)  $58 - 9 =$  \_\_\_\_\_

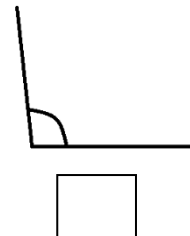
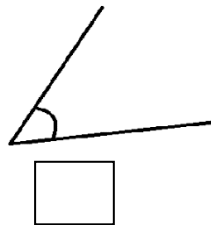
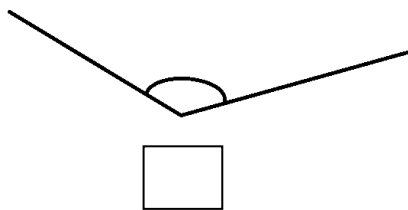
(4 marks)

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4. a) Mark all the **right angles** in this shape:



b) Mark (x) the smallest angle:

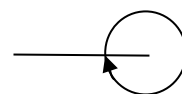
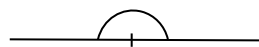
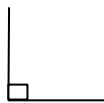


c) Fill in using these words:

**whole turn,**

**right angle,**

**half turn**



\_\_\_\_\_

\_\_\_\_\_

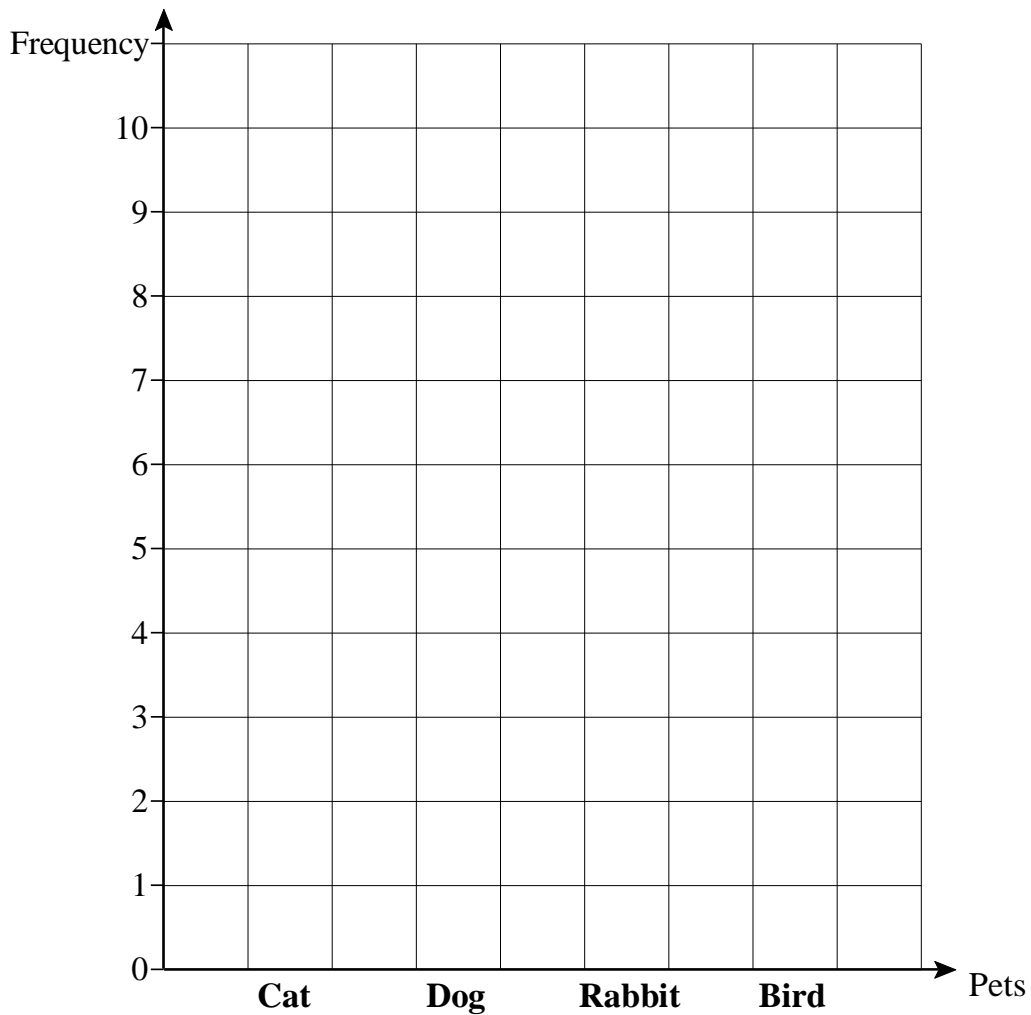
\_\_\_\_\_

(6 marks)

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5. a) Draw a bar chart about the number of pets.

<b>Pet</b>	<b>Frequency</b>
Cat	9
Dog	7
Rabbit	5
Bird	8



b) Which pet is the **most** common? \_\_\_\_\_


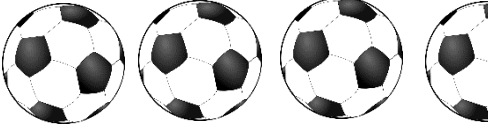
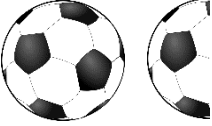

c) Which pet is the **least** common? \_\_\_\_\_

d) How many pets are there in **total**? \_\_\_\_\_

e) How **many more** cats than rabbits are there? \_\_\_\_\_

(8 marks)

6.

<u>Name</u>	<u>Goals Scored</u>
Jake	
Sue	
Diane	
George	

Each  stands for 2 goals

- a) How many goals did **George** score? \_\_\_\_\_
- b) Who scored **7 goals**? \_\_\_\_\_
- c) Who scored 4 goals **more** than Jake? \_\_\_\_\_
- d) Find the **total** number of goals scored \_\_\_\_\_

(5 marks)

7. Draw an angle :

a) More than  $90^\circ$

b) Less than  $90^\circ$



(2 marks)

8. Fill in:

$$6 \longrightarrow \boxed{+5} \longrightarrow \underline{\hspace{2cm}}$$

$$17 \longrightarrow \boxed{-10} \longrightarrow \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} \longrightarrow \boxed{\times 2} \longrightarrow 10$$

$$\underline{\hspace{2cm}} \longrightarrow \boxed{\div 3} \longrightarrow 6$$

(5 marks)

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9. a) How much money do I have in total?



Ans: €                     

b) How much **more** money do I need to have €10?

Ans: €                     

(4 marks)

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10.



Choose from the above coins to buy the following items:



○ + ○ + ○  
\_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_



○ + ○ + ○  
\_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_



○ + ○ + ○  
\_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_

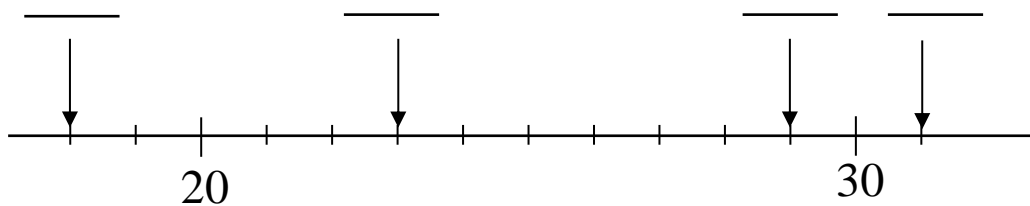
(9 marks)

11. a) Fill in:

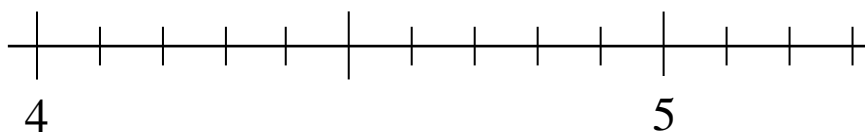
$$\frac{1}{2} = 0.\underline{\quad}$$

$$\frac{3}{10} = 0.\underline{\quad}$$

b) Write down the numbers marked with an arrow.



c) Mark these numbers on the number line: **4.2, 4.8, 5.1**



(9 marks)

12. a)



**90 cents each**

A bottle of juice costs 90 cents.

I buy 3 bottles of juice. How much do I pay?

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

b) How much **change** do I get from €3?

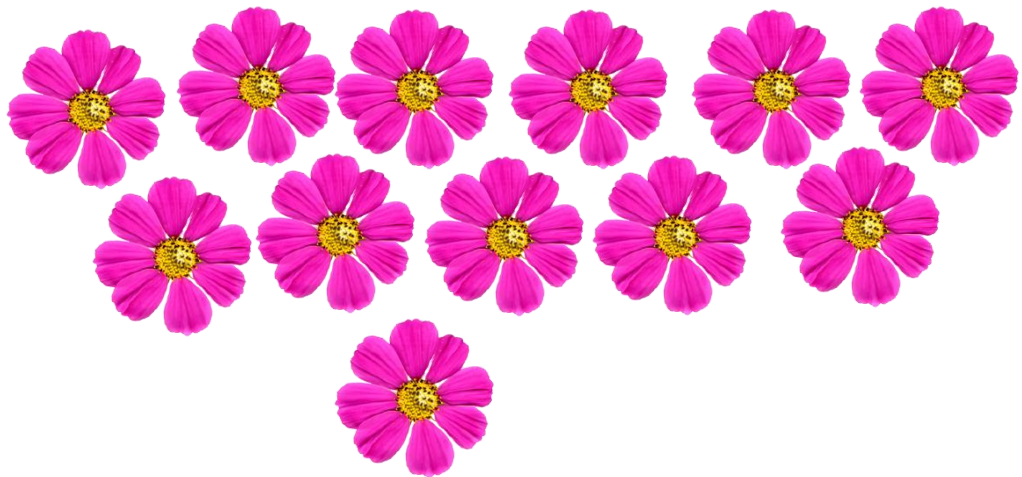
Ans: \_\_\_\_\_

(4 marks)



13. Fill in:

a)



$$\frac{1}{2} \text{ of 12 flowers} = \underline{\hspace{2cm}} \text{ flowers}$$

b)



$$\frac{1}{4} \text{ of 12 marbles} = \underline{\hspace{2cm}} \text{ marbles}$$

(4 marks)

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END OF MAIN PAPER

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