



Kulleġġ San Nikola Sekondarja Subien Naxxar
St Nicholas College Boys Secondary Naxxar
Half-Yearly Examinations February 2016



FORM 4

MATHEMATICS
Main Paper

TIME: 45 mins

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

DO NOT WRITE ABOVE THIS LINE

Name: _____

Class: _____

INSTRUCTIONS TO CANDIDATES:

Read all the questions carefully before you start answering.

- Answer all questions.
 - This paper carries 75 marks.
 - **Calculators, protractors** and other mathematical instruments are allowed but all necessary working must be shown
-

1) Fill In

Figures	Words
12 546	
	Two hundred thousand, three hundred and nineteen

(4 marks)

2) This is the price list of a sweet shop.

PRICE LIST	
Snack	€1.25
Juice	75c
Sandwich	€1.00
Chocolate	55c
Cake	€1.50

a) Gabriel buys 2 **different** items which together cost **€2**.

He buys a _____ and a _____

b) Mary buys a **sandwich**, a **juice** and a **chocolate**. She pays for these items with a **€5** note. How much change does she get?

Ans: € _____

(6 marks)

Name: _____

Class: _____

CCP

3) a) The picture shows 24 cones.



$\frac{1}{4}$ of 24 cones is _____ cones.

b) Mark has 72 marbles. He divides them **equally** into 6 colour groups: red, white, blue, yellow, black and green.

i) Mark has _____ marbles of each colour.

ii) The red marbles and the blue marbles together make

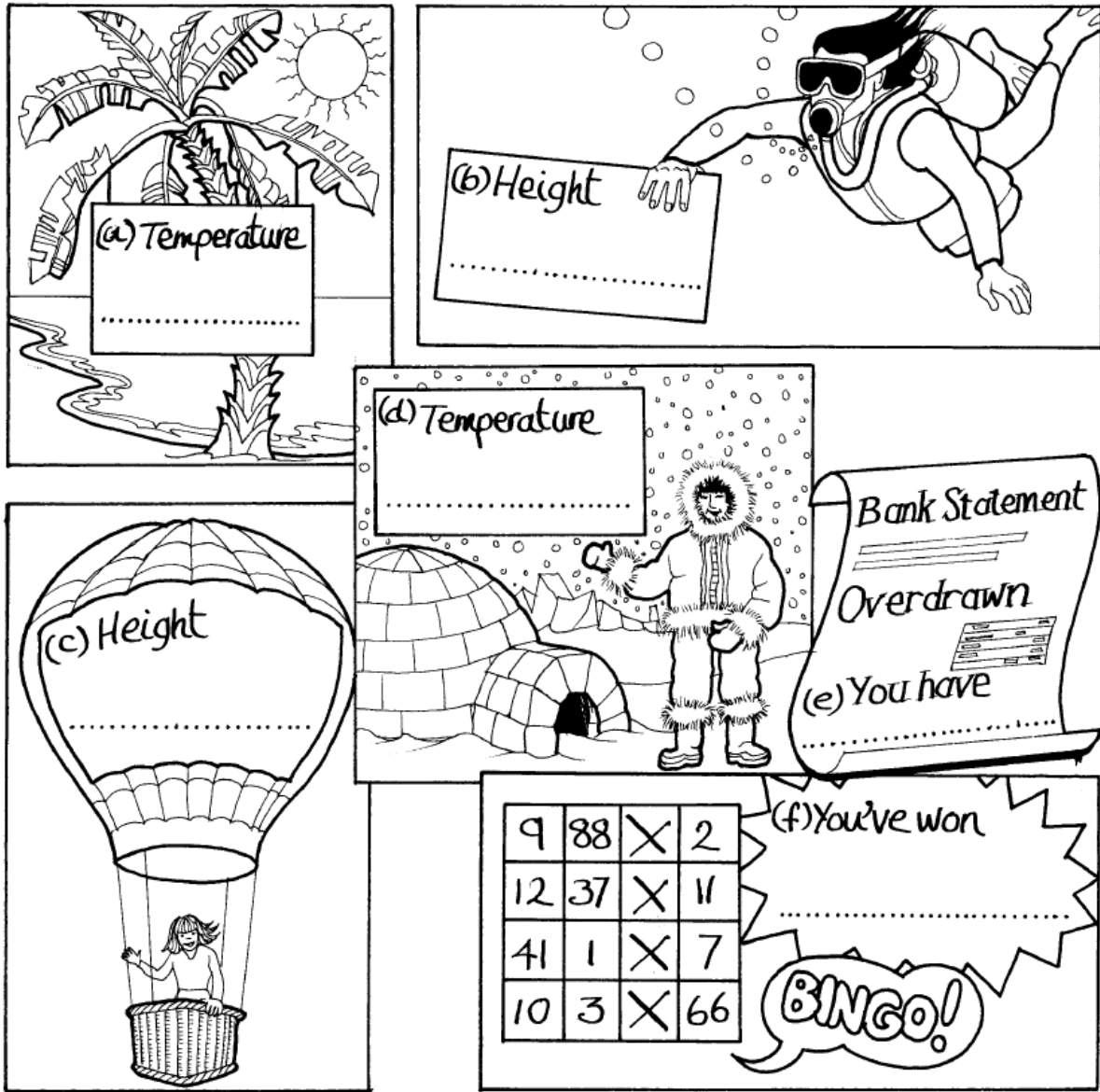
$\frac{\square}{\square}$ of the whole set of 72 marbles.

c) Work out $\frac{3}{5} + \frac{1}{10}$

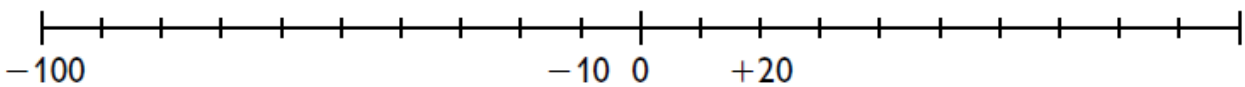
(10 marks)

4) a) Fill in the spaces in the pictures with these values

-20 m +€50 +30°C -40°C -€70 +100 m



b) Place the value from each picture above on the number line.



(12 marks)

5) a) **Round**

i) 1617 to the nearest 1000 _____

ii) 23 to the nearest 10 _____

iii) 955 to the nearest 100 _____

b) Now give a **rough estimate** for:

$$\frac{1617 \times 23}{955} \approx$$

Ans: _____

c) Use your **calculator** to work out




$$\frac{1617 \times 23}{955}$$

Round your **answer** to the nearest whole number.

Ans: _____

(7 marks)

6) Sandra goes to the greengrocer. She buys these **vegetables**.

 500 g tomatoes	 750 g peas	 1kg carrots
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a) Sandra buys a total of _____ kg _____ g of **vegetables**.

b) Sandra also buys some **fruit**. The fruit and vegetables **together** weigh 4 kg.

Sandra buys _____ kg _____ g **fruit**.

(7 marks)

7) This is an incomplete calendar of March 2016.

Sun	Mon	Tue	Wed	Thurs	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28					

a) Complete the calendar for the month of March.

b) This year Ryan's birthday is on the **second Monday** of March.

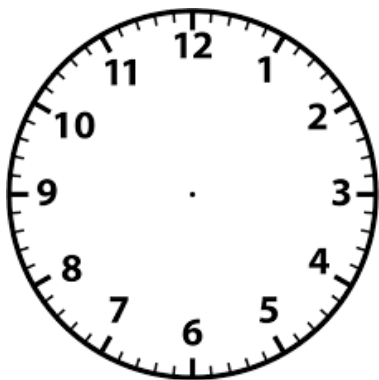
Draw a circle to mark Ryan's birthday.

c) Ryan goes for art lessons every Friday.

In March he will have _____ art lessons.

d) The art lesson starts at **quarter to five** in the afternoon.

Draw the hands on the clock to show the time.



e) Ryan arrives home at **18:30**.

Draw the hands on the clock to show the time.

(8 marks)

8) Write these numbers in order from the **smallest to the largest**.

a) 2345, 3245, 5324, 2543, 3425 4235

b) 12 678, 21 768, 67 218, 76 218, 17 682, 26 781

(6 marks)

9) Margaret went on a 4-day tour to Corfu.

The table shows a record of how much she spent.

Margaret did not fill in all the table.

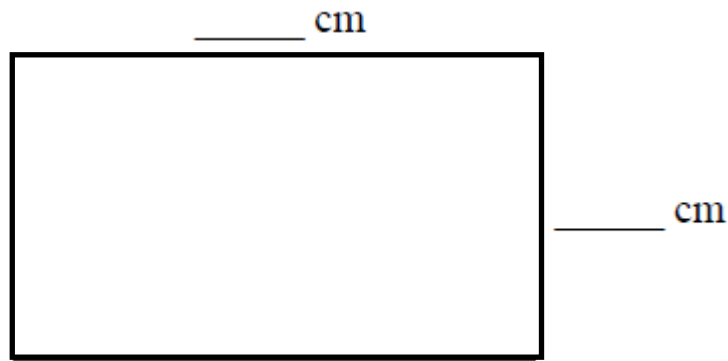
Complete the table for her and find the total cost.

Cost of Tour: Flight, Hotel and Breakfast	€420.00
Day 1: Meals, taxis etc.	€84.80
Day 2: I spent 50% of what I spent on day 1 .	
Day 3: Shopping. I spent 25% of what I spent on day 1 .	
Day 4: Meals and entrance to Fun Park.	€125.25

Total cost of holiday: €_____ ._____

(6 marks)

10) a)



- i. Use your ruler to measure the sides of this rectangle.
Write down your answers on the diagram.
- ii. Calculate the **perimeter** of the rectangle.

Ans: _____ cm

- iii. Find the **area** of the rectangle.

Ans: _____ cm²

b) Match the following:

Distance between two villages ● ● 15 mm

John's height ● ● 1.5 km

Length of this line ——— ● ● 150 cm

(9 marks)