

KULLEGG SAN BENEDITTU Secondary School, Kirkop

Mark

HALF YEARLY EXAMINATION – 2016/2017

CCP

FORM 4

MATHEMATICS

TIME: 15 mins

Non Calculator Paper

Question	1	2	3	4	5	6	7	8	9	Total
Max. Mark	3	2	2	1	3	5	3	2	4	25
Mark										

DO NOT WRITE ABOVE THIS LINE

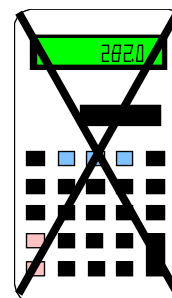
Name: _____

Class: _____

INSTRUCTIONS TO CANDIDATES:

Read all the questions carefully before you start answering.

- Answer all questions.
- This paper carries 25 marks.
- **Calculators, protractors** and other mathematical instruments are **NOT ALLOWED**.



1. Write the digits of the following number under the correct heading:

Seven hundred twenty eight thousand, six hundred and nine

<i>Millions</i>	<i>100 Thousand</i>	<i>10 Thousand</i>	<i>Thousand</i>	<i>Hundred</i>	<i>Tens</i>	<i>Units</i>

(3 marks)

2. An adult cinema ticket costs €7.20. A group of 8 friends watch the 2 p.m. film.
How much do they spend?

Ans: € _____
(2 marks)

3. 1 kg = 1000 grams. How many grams are there in **2.75 kg**?

Ans: _____ g
(2 marks)

4. Round **115.78** to the nearest whole number.

Ans: _____
(1 mark)

5. Work out:

$$\frac{3}{8} - \frac{5}{16}$$

	-	
	-	

(3 marks)

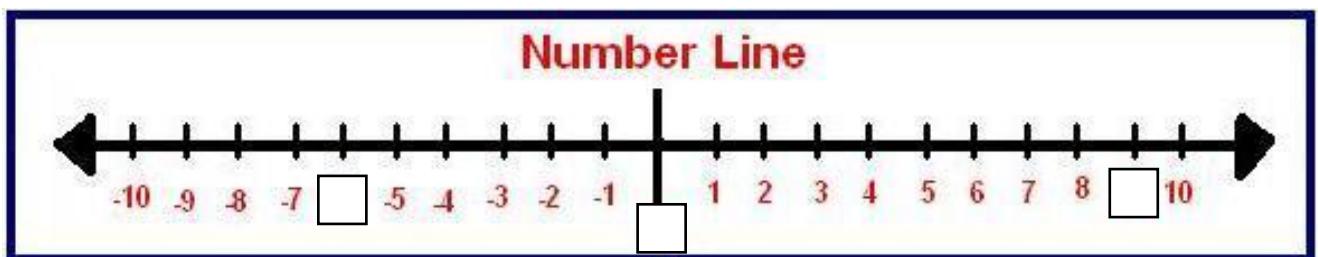
6. Complete the sequences:

a) 6, 15, _____, 33, _____, 51, _____.

b) 48, 42, 36, _____, _____.

(5 marks)

7. Fill in the missing numbers:



(3 marks)

8. Sandro starts his shift at 8:30 a.m. and has a 30 minute break. He ends his shift at 5 p.m.
How long is his shift?

Ans: _____ hrs
(2 marks)

9.

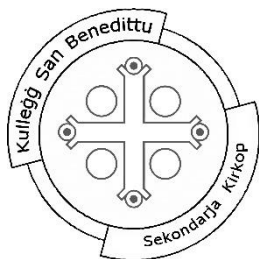
May						2011
SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

The following is the calendar of May 2011. Answer the following questions:

- How many **whole weeks** are there? _____
- Which day of the week is 27th May? _____
- How many **Sundays** are there? _____
- What is the date of the **second Wednesday** of May? _____

(4 marks)

END OF PAPER



KULLEĠĠ SAN BENEDITTU

Secondary School, Kirkop

Mark

HALF YEARLY EXAMINATION – 2016/2017

CCP

FORM 4

MATHEMATICS

TIME: 45 mins

Main Paper

Question	1	2	3	4	5	6	7	8	9	10	11	Main	NC	Total
Max. Mark	4	7	4	4	7	9	4	9	12	3	12	75	25	100
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. a) On the cheque write down the amount in words.

EURO BANK CORPORATION	
	Date: <u>14 / 04 / 2016</u>
Pay <u>Martin Borg</u>	
the amount of _____	€ 1002.35

Signature: <u>A. Vella</u>	
0000 – 0000 – 0000 – 0000 – 0000	

- b) On the cheque, write down the amount in digits.

EURO BANK CORPORATION	
	Date: <u>14 / 04 / 2016</u>
Pay <u>Martin Borg</u>	
the amount of <u>two thousand and</u>	€ _____
<u>eighty euro only</u>	

Signature: <u>A. Vella</u>	
0000 – 0000 – 0000 – 0000 – 0000	

(4 marks)

Name: _____

Class: _____

Form 4
CCP

2. a) Round

i) 1568 to the nearest 1000 _____

ii) 234 to the nearest 100 _____

iii) 9999 to the nearest 10 _____

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

$$\frac{1568 \times 234}{9999} \approx$$

Ans : _____

c) i) **Use your calculator** to find the exact value of:

$$\frac{1568 \times 234}{9999}$$

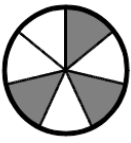


Ans: _____

ii) Round your answer to the nearest whole number _____

(7 marks)

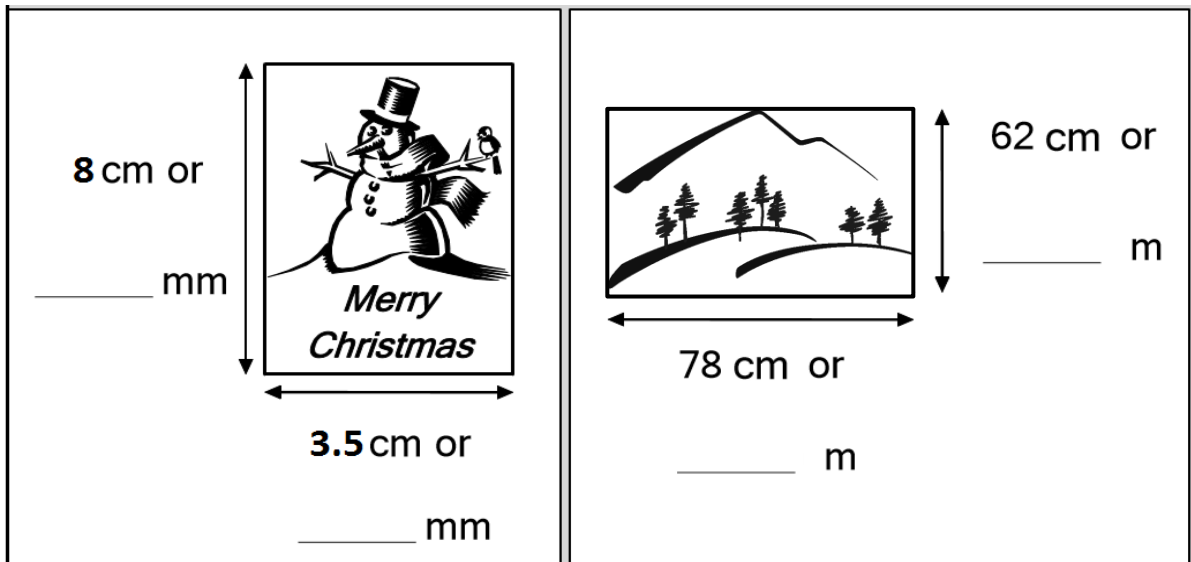
3. Write down the **fraction** represented by the shaded area.

Give your answer in its lowest terms.

<p>a)</p>  <p>= $\frac{\boxed{}}{\boxed{}}$</p>	<p>b)</p>  <p>= $\frac{\boxed{}}{\boxed{}}$</p>	<p>c)</p>  <p>= $\frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$</p>
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(4 marks)

4. Fill in the missing measurements.



(4 marks)

5. a) Work out the value of each of the following amounts of money.

i) $\frac{1}{3}$ of €66

ii) $\frac{1}{4}$ of €100

iii) $\frac{2}{3}$ of €39

Ans: € _____

Ans: € _____

Ans: € _____

b) Which of the above amounts of money is the **largest**?

Ans _____

(7 marks)

6. a) Read each of the following statements and then fill in.

i) Start with 3 then **add 5** to the previous term.

3, _____, 13, _____, _____

ii) Start with 100 then **subtract 20** from the previous term.

_____, _____, _____.

b) Write down the rule used to work out each of the following sequences.

i) 5, 10, 15, 20, 25

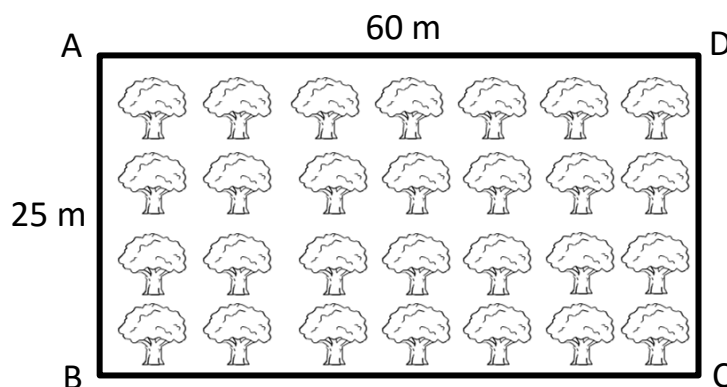
Start with _____ then _____.

iii) 88, 85, 82, 79, 76

_____.

(9 marks)

7.



a) ABCD is a field in the shape of a **rectangle**. Work out its area.

Ans: _____ m²

b) Join the points A and C. What is the area of **triangle ABC**?

Ans: _____ m²

(4 marks)

a) Work out the **cost** of the 2 x (6 nuggets with chips).

Ans € _____

b) Work out the **total cost** of the bill.

Ans € _____

c) Irene pays with a €50 note. What **change** does she get?

Ans € _____

d) A week after, Irene visits the same restaurant. She spends €49.72.
The owner now gives her a **25% discount**.

i) How much is the discount?

Ans € _____

ii) How much does she pay?

Ans € _____

(12 marks)

10. What is his **year** of birth?

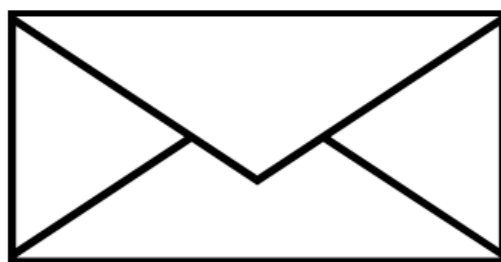


I will be 28 years old in March.

Ans _____

(3 marks)

11. The following are the dimensions of an envelope.



109mm

215mm

a) Convert the given dimensions into cm.

Length: 215 mm = _____ cm

Width: 109 mm = _____ cm

b) Work out the **perimeter** of the envelope:

i) in **mm**

_____ mm

ii) in **cm**

_____ cm

c) Work out the **area** of the envelope in mm^2 .

_____ mm^2

(12 marks)

END OF EXAM PAPER