KULLEĠĠ SAN BENEDITTU
Secondary School, Kirkop

HALF YEARLY EXAMINATION – 2014/2015

CCP

FORM 3   **MATHEMATICS** CCP   **TIME: 15 mins**

Non Calculator Paper

| Question	1	2	3	4	5	6	7	NC
Max. Mark	2	2	3	4	2	5	7	25
Mark								

DO NOT WRITE ABOVE THIS LINE

**NAME AND SURNAME: _____   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.**

- On your desk you should have nothing except for **pen, pencil, ruler** and the **examination paper**.
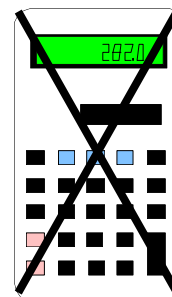
1. Peter the postman has to post the letter in a house on this street.

Mr J. Borg

13, Triq il-Ward
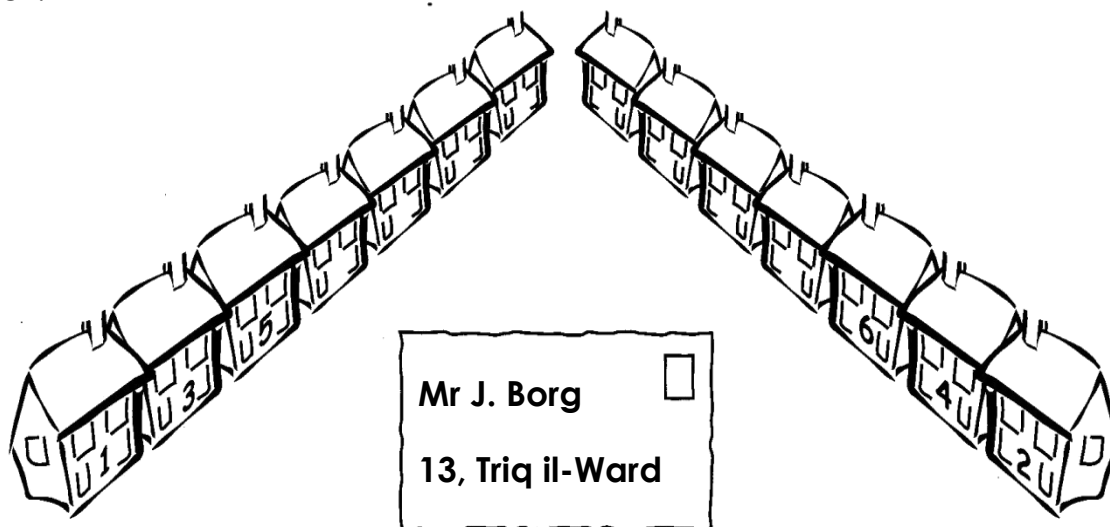
Left side   **Right side**

Underline the correct word.

a) **13** is an (**odd** , **even**) number.

b) Peter posts the letter on the (**left** , **right**) side of the street.

(2 marks)

2. Work out:

a) 3.26 × 100 = _____

b) 158.2 ÷ 10 = _____

(2 marks)

3. Fill in:

	1	4	5	7
× 7		**28**		

(3 marks)

4. Work out:

a) 2395 + 1008   b) 4802 – 3199

Ans_____   Ans_____

(4 marks)

5. Work out:

$$\frac{3}{13} + \frac{8}{13}$$

Ans_____

(2 marks)

6.   a) Round **1617** to the nearest **1000**: _____

8 to the nearest **10**:   _____

532 to the nearest **100**:   _____

b) Use your answers in (a) to **estimate** the value of:

$$\frac{1617 \times 8}{532} \approx$$

Ans_____

(5 marks)

7.   a) $\frac{1}{3}$ of **6** cheeses = _____ cheeses

      b) During a sale a shop is selling items at **half** price.

          i) Fill in the advert with the correct **number**.

          ____% off

          ii) Before the sale a shirt costs **€48**.

               What is its price **during** the sale?

               Was **€48**

                                                    Ans: €_____
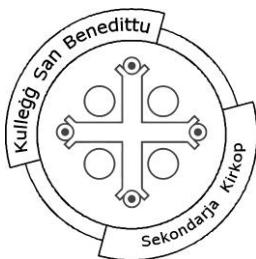
iii) During the sale Jane buys a skirt for **€17**.

What did it cost **before** the sale?

Was €_____

Ans: €_____

(7 marks)

END OF NON CALCULATOR PAPER

KULLEĠĠ SAN BENEDITTU
Secondary School, Kirkop

HALF YEARLY EXAMINATION – 2014/2015

CCP

| FORM 3 | | | **MATHEMATICS** CCP | | | | | | | | **TIME: 45 mins** | | |

Main Paper

Question	1	2	3	4	5	6	7	8	9	10	11	12	Main	NC	Global Mark
Max. Mark	7	4	4	5	6	3	7	6	13	8	8	4	75	25	100
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.

DO NOT WRITE ABOVE THIS LINE

NAME AND SURNAME:_____ CLASS:_____

1. a) Write down the value of **6** in each of the following numbers:

   - 3**6**1 ⇨ _____60_____ .
   - 3**6**13 ⇨ _____ .
   - 15**6** ⇨ _____ .
   - **6**315 ⇨ _____ .
   - 10**6**5 ⇨ _____ .

   b) Write the numbers in (a) in order, starting from the biggest.

   _____, _____, _____, _____, _____

   (7 marks)

2. Match the following:

SPEED LIMIT 55	Two hundred and thirty seven
RONALDO 7	One thousand, three hundred and one
237 (bus)	Fifty five
1301 (key)	Seven

(4 marks)

3. (a) (i) Use your **calculator** to work out:

$$12.62 \times 6 = \rule{3cm}{0.4pt}$$

(ii) Round your answer to the nearest **whole number**:

\rule{3cm}{0.4pt}

(b) (i) Use your **calculator** to work out:

$$5823 \div 3 = \rule{3cm}{0.4pt}$$

(ii) Round your answer to the **nearest hundred**:

\rule{3cm}{0.4pt}

(4 marks)

4. (a) Measure:

AB = \rule{2.5cm}{0.4pt} cm

BC = \rule{2.5cm}{0.4pt} cm
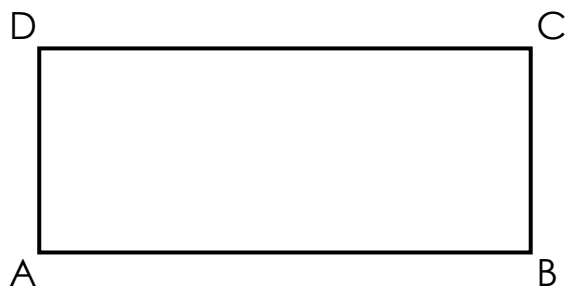
AC = \rule{2.5cm}{0.4pt} cm

(b) Draw a line **62 mm** long:

(5 marks)

5. a) Write the number 3,052 in words.

_____

b) Write the number **five thousand six hundred and four** in digits.

_____

(6 marks)

6. Arrange the following numbers in order, **smallest first**:

23.01	23.1	23	20.3	23.001

_____, _____, _____, _____, _____

(3 marks)

7.

I eat $\frac{3}{4}$ of a pizza!

Simon

I eat $\frac{6}{8}$ of a pizza!
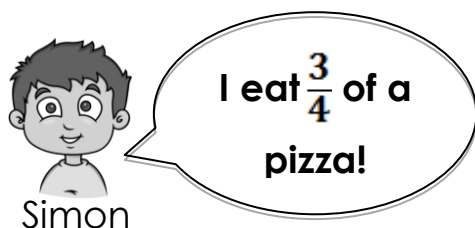
Mary

(a) Shade the amount of pizza eaten by each person:
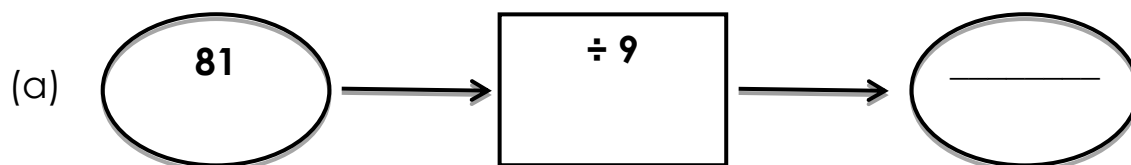
Simon:
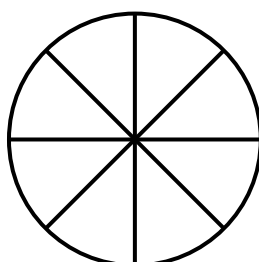
Mary:
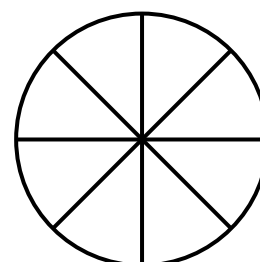
_____ slices   _____ slices

(b) Fill in:

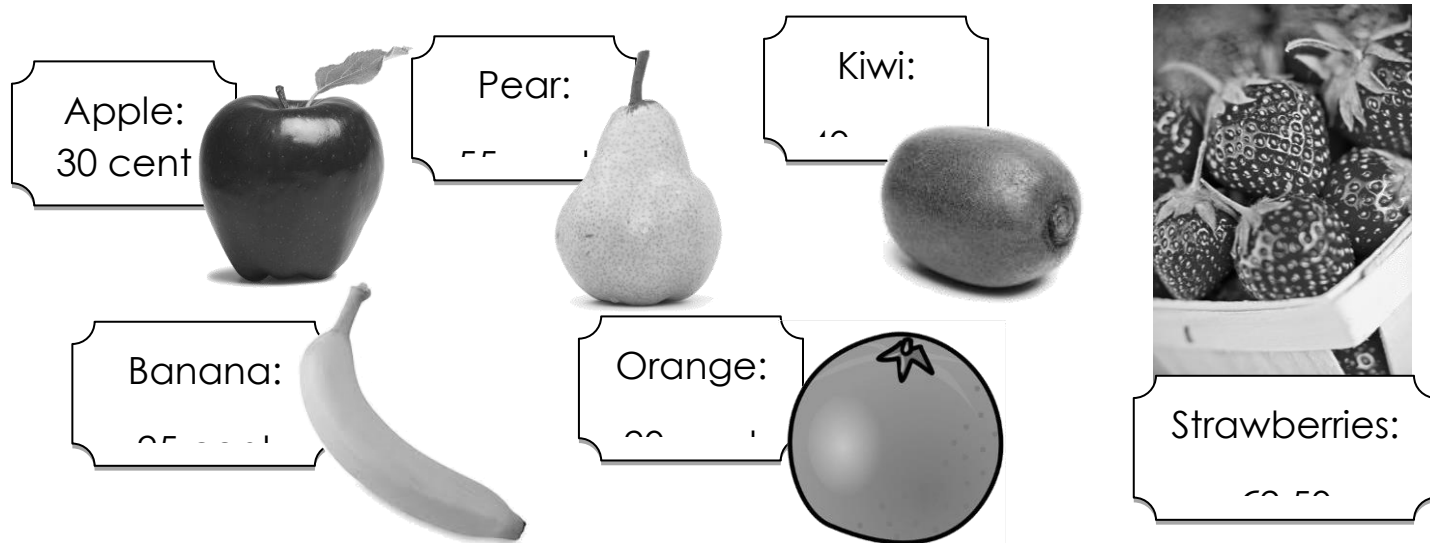$$\frac{\boxed{}}{\boxed{4}} = \frac{\boxed{6}}{\boxed{}}$$

(7 marks)

8. Complete the following number machines:

(a) 81 → ÷ 9 → _____

(b) _____ → ÷ 8 → 11

(c) 2.6 → _____ → 26
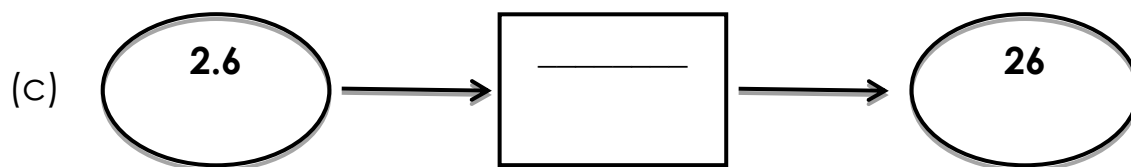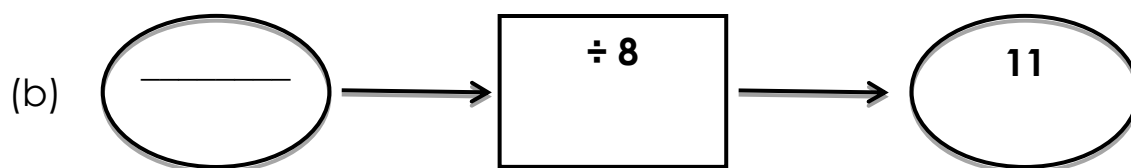
(6 marks)

9. A market sells the following fruit:

Apple:
30 cent

Pear:

Kiwi:

Banana:

Orange:

Strawberries:

(a) Complete the table for Victoria's bill:

	Working	*Answer*
3 oranges	20 × 3 = 60	€__0__ . __60__
10 apples		€_____ . _____
6 bananas		€_____ . _____
Total:		€_____ . _____

(b) Victoria pays for the fruit with a **€10 note**.

(i) How much **change** will she receive?
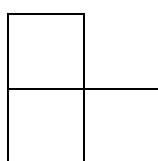
€_____

(ii) Cross off the coins given as change.

10. Diane is making patterns with squares.

The first four shapes formed are shown below:

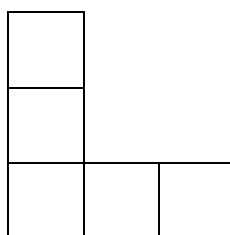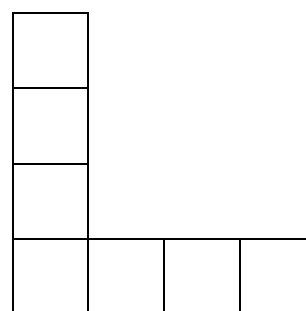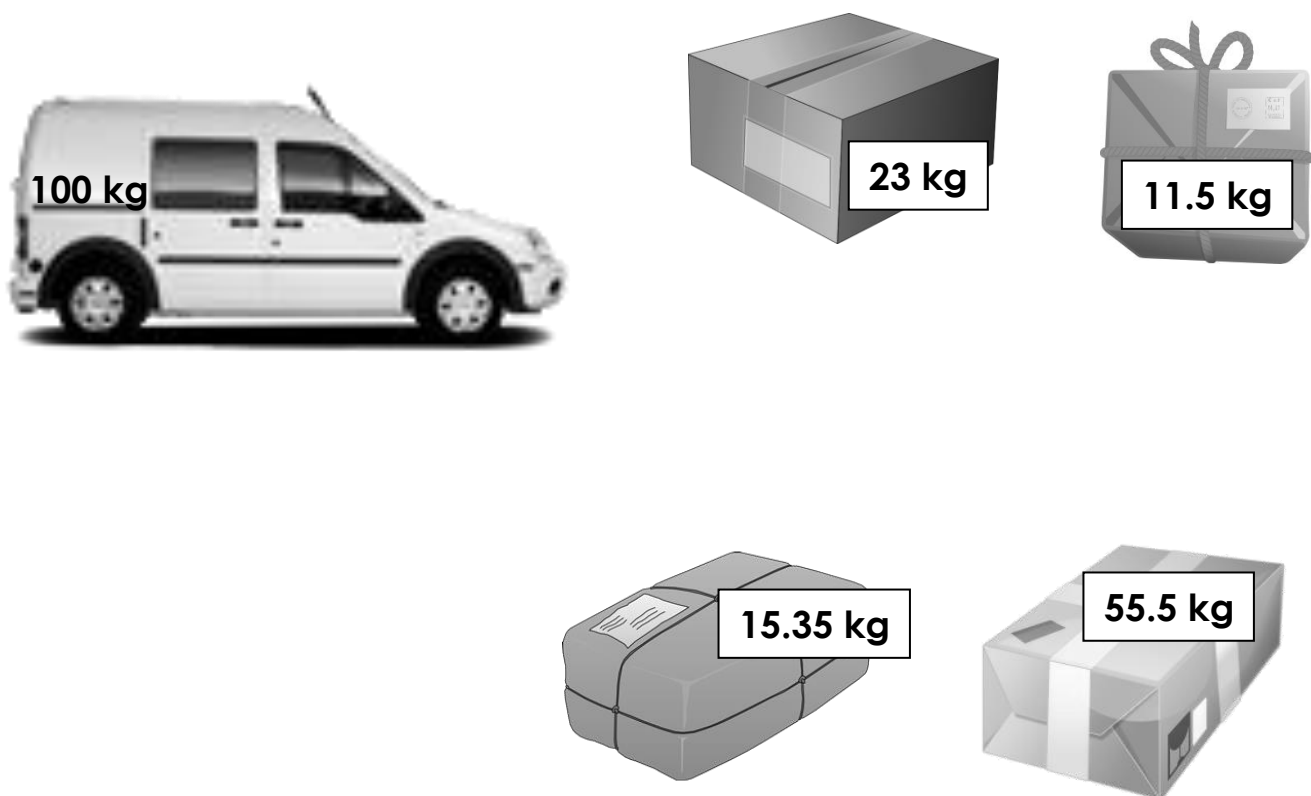*Shape 1*   *Shape 2*   *Shape 3*   *Shape 4*

(a) Draw shape 5:

(b) Complete the following table:

Shape Number	1	2	3	4	5	6	…	10
Number of Squares	1		5				…	

(c) Describe the rule in words.

_____

(8 marks)

11. (a) This van can carry a maximum load of **100 kg**.

100 kg
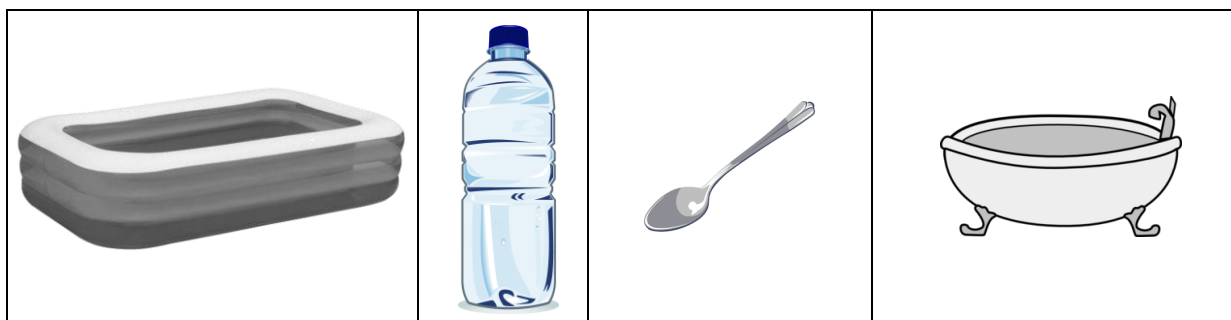
23 kg

11.5 kg

15.35 kg

55.5 kg

(i) Find the **total** weight of the four parcels.

Answer: _____

(ii) Can the van carry them altogether?　　　Yes / No

(b) Match the following:
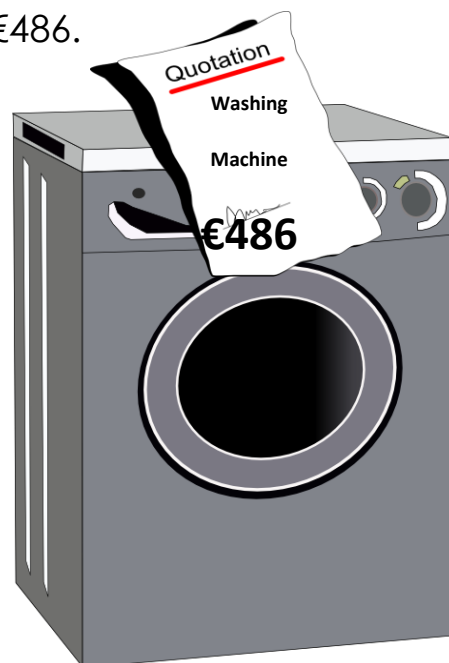
5 ml	50 litres	2 litres	1300 litres

(8 marks)

12. Analise buys a washing machine for €486.

a) She pays a deposit of 25%.
    How much does she pay as
    deposit?

Ans: €_____

b) She pays the **rest** on delivery.
   How much does she pay the delivery man?

Ans: €_____

(4 marks)

END OF MAIN PAPER