

Level
5-7

KULLEGĠ SAN BENEDITTU
Boys Secondary School, Kirkop
HALF-YEARLY EXAMINATIONS – FEBRUARY 2012

FORM 1

MATHEMATICS

TIME: 30 mins

Non Calculator Paper

Question	1	2	3	4	5	6	7	8	9	10	Total
Max. Mark	4	2	4	2	3	3	1	1	3	2	25
Mark											

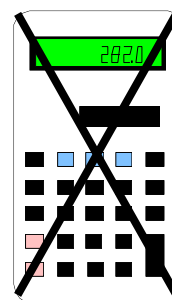
DO NOT WRITE ABOVE THIS LINE

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. Draw a circle round all the **multiples of 3**.

16 9 13 40

15 22 94 33

77 41 12 26

(4 marks)

2. a) Write in **figures**

Five hundred eighty five _____

- b) Write in **words**

804 _____

(2 marks)

3. Work out:

a) $736 + 201 =$ _____

b) $196 + 18 =$ _____

c) $648 - 200 =$ _____

d) $915 - 207 =$ _____

(4 marks)

4. Look at these digits: **2, 1, 3, 4, 5, 7**

a) Use all the digits to make the **largest** number. _____

b) Use all the digits to make the **smallest** number. _____

(2 marks)

5. Work out:

a) $30 \times 5 =$ _____

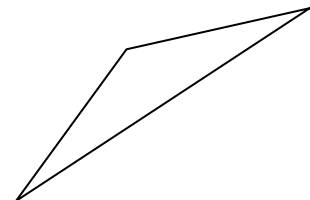
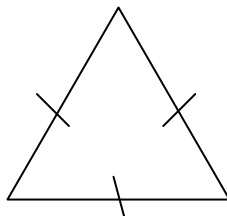
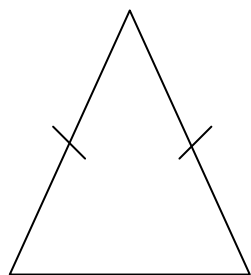
b) $3 \times 5 =$ _____

c) Now work out $33 \times 5 =$ _____

(3 marks)

6. Put the correct word under these triangles.

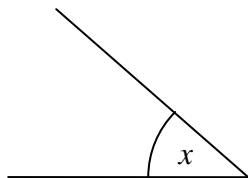
Scalene	Isosceles	Equilateral
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(3 marks)

7. Underline the correct answer:

Angle x is about : a) 45° b) 80° c) 20° d) 140°



(1 mark)

8. Which fraction is NOT the same as $\frac{3}{5}$?

$\frac{30}{50}$, $\frac{4}{6}$, $\frac{6}{10}$, $\frac{21}{35}$

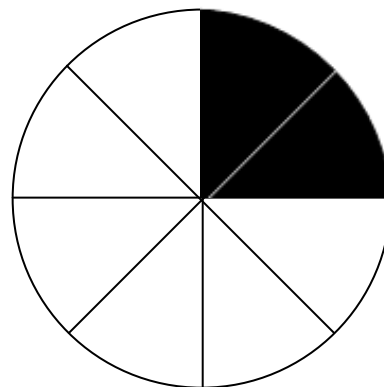
Ans _____

(1 mark)

9. a) What fraction is **shaded**?

$\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$

b) Use different colour to shade **another** $\frac{1}{2}$ of the whole shape.



c) What fraction of the whole shape is left **not shaded**?

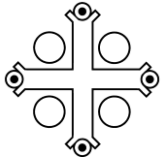
(3 marks)

10. Put the following numbers in order, **smallest first**.

6.36cm, 6.3cm, 6.63cm, 5.16cm, 6.06cm

_____, _____, _____, _____, _____

(2 marks)



KULLEGĠ SAN BENEDITTU
Boys Secondary School, Kirkop

Levels

5 - 7

HALF-YEARLY EXAMINATIONS – FEBRUARY 2012

FORM 1

MATHEMATICS

TIME: 1hr 30mins

Main Paper

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

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NAME AND SURNAME: _____ **CLASS:** _____

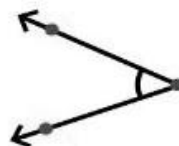
INSTRUCTIONS TO CANDIDATES:

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. Write **acute**, **obtuse**, or **reflex**, under each of the following angles.





(2 marks)

2. (a) The value of the digit **2** in the number 2 456 is _____ .

(b) The number **thirty five thousand, six hundred, and twenty seven** is written down in words.

In figures it is written down as _____ .

(c) Work out :

(i) $3981 + 2756$

Answer _____ .

(ii) $837 - 193$

Answer _____ .

(iii) 700×9

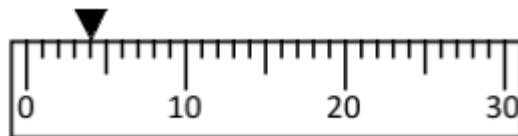
Answer _____ .

(d) Put these numbers in order from the **smallest to the largest**.

3974, 7268, 1985, 999, 4900, 5002.

_____, _____, _____, _____, _____, _____

(e)



The arrow is pointing at the number _____ .

(8 marks)

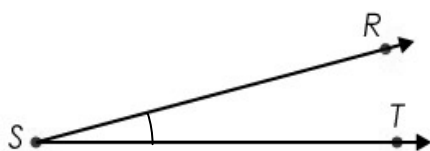
Name: _____

Class: _____

C

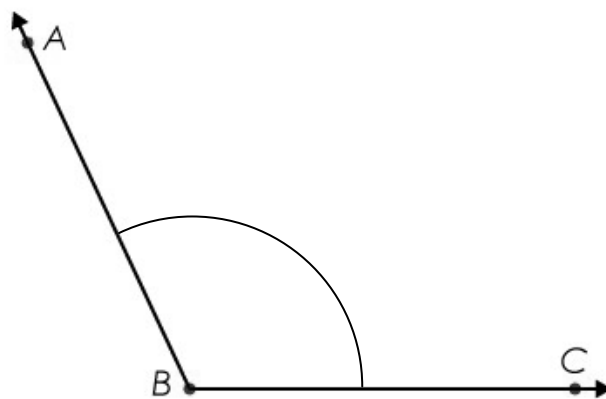
3. (a)

tor.



Answer _____

(ii)

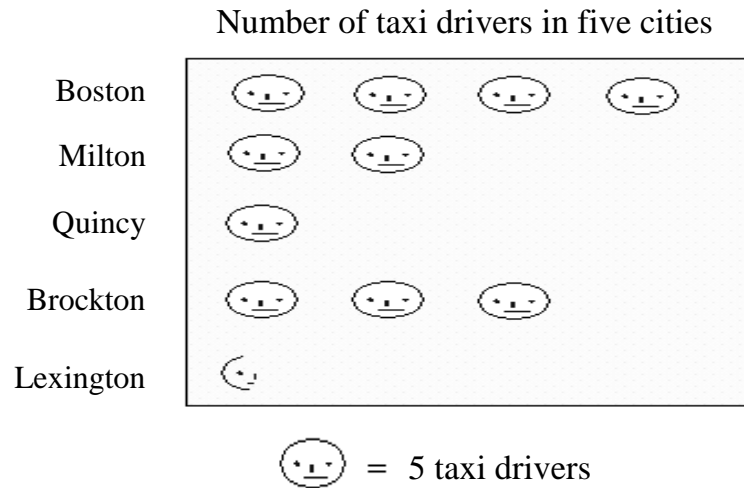


(b) Draw an angle of 65° on the line below, and **label** it.



(6 marks)

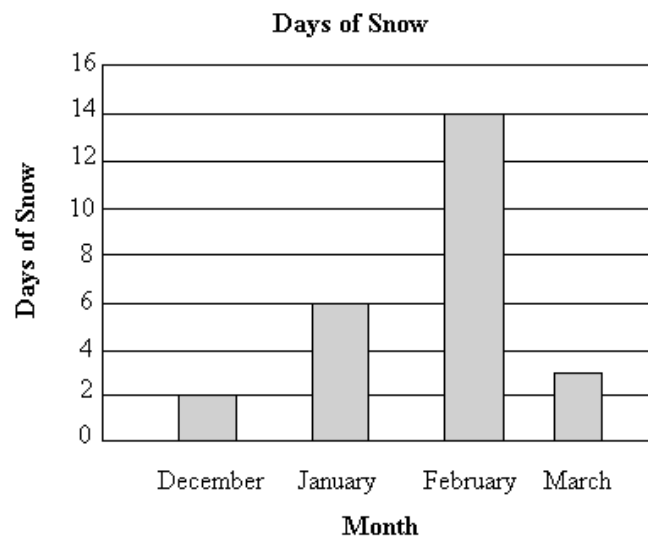
4. (a)



(i) How many taxi drivers are there in **Milton**? Answer _____.

(ii) Which city has **twenty** taxi drivers? Answer _____.

(b)



(i) How many days did it snow in **January**? Answer _____.

(ii) How many days did it snow from **December to March**?

Answer _____.

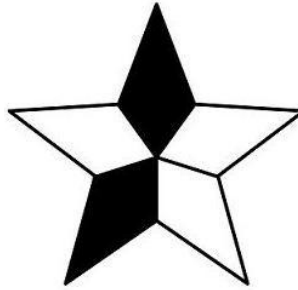
(8 marks)

Name: _____

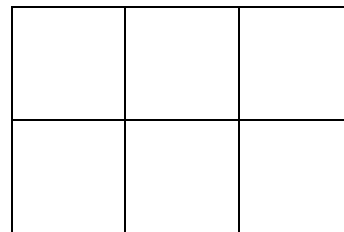
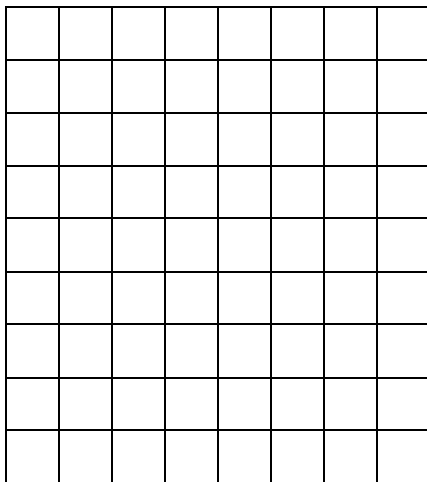
Class: _____

C

5. (a) The fraction of this shape covered in **black** is _____.

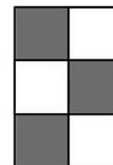


- (b) Shade **one-third** of each of the two shapes below.



- (c) What **percentage** of this shape is shaded?

Answer _____.



(5 marks)

6. (a) In this set of numbers, what is the **mode**?

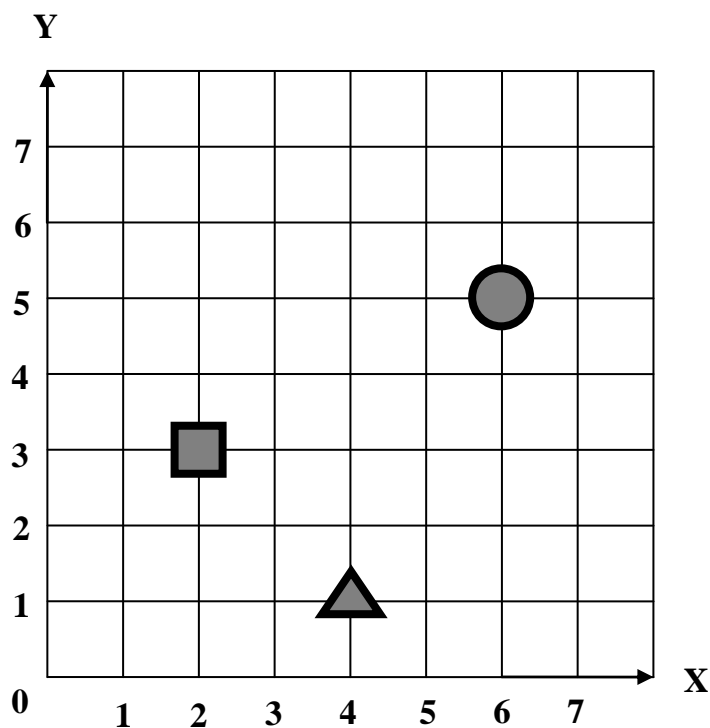
3, 4, 4, 6, 7, 7, 8, 8, 8, 9 Answer _____.

(b) Work out the **mean** of the following set of numbers.

7, 18, 22, 34, 40 Answer _____.

(5 marks)

7. (a)



(i) What are the co-ordinates of the position of the **circle**?

Answer (__ , __).

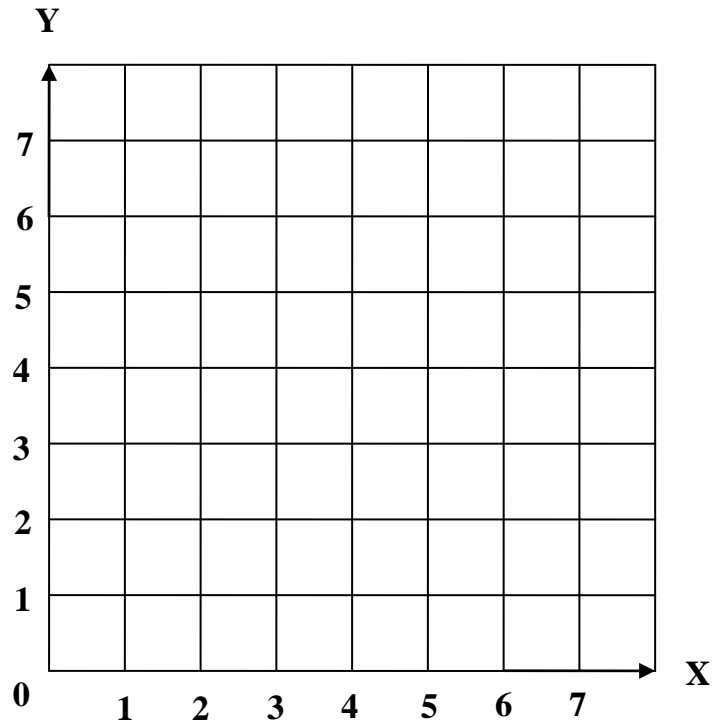
(ii) What are the co-ordinates of the position of the **square**?

Answer (__ , __).

(iii) What are the co-ordinates of the position of the **triangle**?

Answer (__ , __).

(b)



- (i) Plot the point A(2,2) and label it.
- (ii) Plot the point B(4,6) and label it.
- (iii) Plot the point C(7,3) and label it.
- (iv) Join the points ABC. The shape ABC is a _____.

(11 marks)

-
8. (a) (i) 6.3 rounded to the **nearest whole number** becomes _____.
- (ii) €14.58 rounded to the **nearest euro** becomes _____.
- (iii) 457 **km** rounded to the **nearest 10km** becomes _____.

(b) Fill in the missing LOGO commands for the turtle to draw a **square**.

PD REPEAT 4 [____ 60 RT ____]

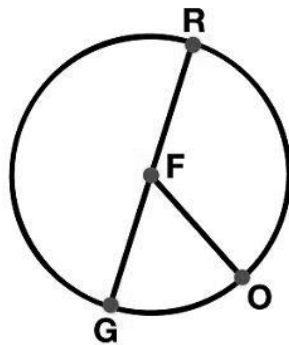
(5 marks)

9. (a) Write **TRUE** or **FALSE**.

(i) This is a set of **even** numbers { 6, 10, 14, 28 } _____.

(ii) 3, 4, and 6 are all **factors** of 12. _____.

(b) Fill in the blanks by choosing a word from the following:
centre radius diameter.



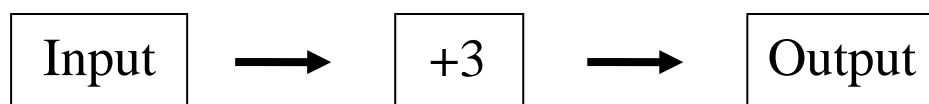
(i) The point **F** is the _____ of the circle.

(ii) The line **FO** is a _____ of the circle.

(iii) The line **GR** is a _____ of the circle.

(5 marks)

10. (a) Look at this number machine.



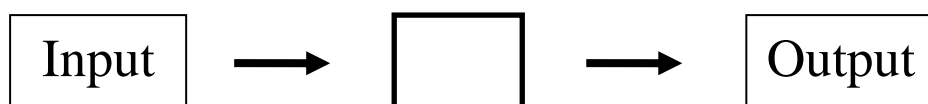
Copy and complete this table.

Input	1	2	3	4	5	10	20
Output							

- (b) Here is a table of inputs and outputs of another number machine.

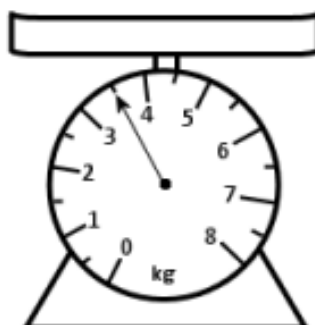
Input	1	2	3	4	5	10	20
Output	2	4	6	8	10	20	40

Fill in the empty box to show the **rule** of this number machine.



(6 marks)

11. (a) The reading on the scales below is _____ Kg.



- (b) Arrange the following set of decimal numbers in order, from the **largest to the smallest**.

7.6, 1.4, 3.5, 4.2, 1.8, 3.7 Answer _____

- (c) Work out: **8.9 + 15.7**

Answer _____

(4 marks)

12. (a) Draw the line of symmetry of this shape.

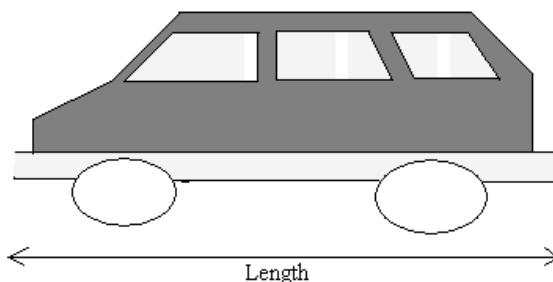


- (b) The dotted line is the line of symmetry. Complete the figure.



(3 marks)

13. (a) The length of the drawing of this car is _____ cm



- (b) Melissa buys a 1 litre bottle of shampoo. She uses 25ml each wash. How many times can she wash her hair with each bottle?

Answer _____.

- (c) 5 kg = _____ g

(7 marks)

END OF PAPER